

LATE  
BYZANTINE  
COINS  
1204 – 1453

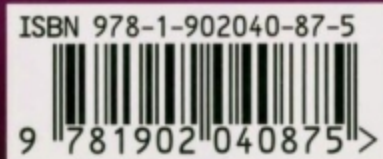
ELENI LIANTA

# LATE BYZANTINE COINS 1204 – 1453

IN THE ASHMOLEAN MUSEUM  
UNIVERSITY OF OXFORD



ELENI LIANTA



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This book, written by an expert in the field, will provide an indispensable point of reference for students, curators, dealers and collectors as well as a ready source of information for archaeologists, historians and others with a more general interest in Late Byzantine numismatics.

The collection of Late Byzantine coins in the Ashmolean Museum, Oxford, comprises one of the most important and representative collections of coinage from the period between the sack of Constantinople by the Fourth Crusade in 1204, the Byzantine recovery of the city in 1261, and the final capture of Constantinople by the Ottoman Turks in 1453. This collection is here presented for the first time in a modern catalogue, which will enable the user to identify, classify and understand Late Byzantine coins, in accordance with our present state of knowledge.

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# **Late Byzantine Coins**

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**In The Ashmolean Museum**

**University Of Oxford**

**Eleni Lianta**

**SPINK**

**London  
2009**



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## Contents

PREFACE	1
INTRODUCTION	3
A. Background to the Collection	3
B. The New Collection's Size and Content	4
C. Classification of the Material	4
1. Metals	4
2. Mints	6
3. Denominations	9
4. Weights	12
5. Imperial authorities	19
6. Types and varieties	21
i. Religious types	22
a) Christ	23
b) The Virgin	24
c) Saints	26
ii. Imperial types	32
a) Emperor alone	32
b) Emperor accompanied	34
c) Anna of Savoy	37
iii. Other types	38
a) B or Bs	38
b) Buildings	38
c) Crosses	40
d) Dates	41
e) Eagles or wing(s)	42
f) Flowers	42
g) Inscriptions	43
h) Keys	43
i) Lilies	43
j) Monograms	44
k) Squares and crescents	44
l) The hetoimasia	45
7. Overstrikes	46
8. Inscriptions and Monograms	54
9. New issues and varieties of Late Byzantine coins	56
Presentation of the Catalogue, the ordering of the coins, and the conventions employed	57
Abbreviations used in the Catalogue	58
Previous ownership and origins of the coins	59
A. List of previous owners, donors, and dealers	59
B. List of hoards	66
Bibliographic abbreviations	68
Select bibliography	69

<b>CATALOGUE</b>	<b>79</b>	<b>Andronicus II - Andronicus III (1325-1328)</b>	<b>262</b>
		817 - 821	
<b>LATIN EMPIRE (1204-1261)</b>	<b>81</b>	<b>Andronicus III (1328-1341)</b>	<b>263</b>
1 - 131		822 - 844	
<b>EMPIRE OF NICAIA: Theodore I Comnenus-Lascaris (1204/5-1222)</b>	<b>106</b>	<b>John V (1341-1391) Phase I (1341-1347):</b>	
132- 196		<b>The Regency and Civil War (Anna and John V)</b>	<b>269</b>
<b>John III Ducas, Called Vatatzes (1222-1254)</b>	<b>118</b>	845 - 847	
197 - 297		<b>Phase II (1347-1353): John V and John VI Cantacuzene</b>	<b>271</b>
<b>Theodore II Ducas-Lascaris (1254-1258)</b>	<b>141</b>	848 - 853	
298 - 310		<b>Phase IV (1354-1376): John V's Middle Years</b>	<b>273</b>
<b>Anonymous Ruler</b>	<b>145</b>	854 - 889	
311 - 319		<b>Phase V (1376-1379): Andronicus IV</b>	<b>281</b>
<b>EMPIRE OF THESSALONICA: Theodore Comnenus-Ducas (1224-1230)</b>	<b>147</b>	890 - 893	
320 - 343		<b>Phase VI (1379-1391): John V's Last Years</b>	<b>282</b>
<b>Manuel Comnenus-Ducas (Despot 1230-1237)</b>	<b>154</b>	894 - 902	
344 - 367		<b>Manuel II (1391-1425)</b>	<b>284</b>
<b>John Comnenus-Ducas (Emperor 1237-1242; Despot 1242-1244)</b>	<b>160</b>	903 - 1028	
368 - 432		<b>John VII (Regent 1399-1403)</b>	<b>306</b>
<b>Uncertain Thessalonican Attribution</b>	<b>172</b>	1029 - 1050	
433 - 435		<b>John VIII (1425-1448)</b>	<b>310</b>
<b>Demetrius Comnenus-Ducas (Despot 1244-1246)</b>	<b>173</b>	1051 - 1094	
436 - 439		<b>Constantine XI Dragases (1449-1453)</b>	<b>318</b>
<b>John III Ducas, Called Vatatzes (1246-1254)</b>	<b>174</b>	1095	
440 - 466		<b>OVERSTRIKES</b>	<b>319</b>
<b>Theodore II Ducas-Lascaris (1254-1258)</b>	<b>181</b>	1096 - 1128	
467 - 468		<b>SIGLA TABLES</b>	<b>327</b>
<b>DESPOTATE OF EPIRUS: Manuel Comnenus-Ducas (1230-c. 1236)</b>	<b>181</b>		
469			
<b>Michael II Comnenus-Ducas (c. 1236-c. 1268)</b>	<b>182</b>		
470 - 474			
<b>John III (Emperor) - Michael II (Despot) (1248)</b>	<b>183</b>		
475 - 477			
<b>IVAN II ASEN, TSAR OF BULGARIA (1218-1241)</b>	<b>184</b>		
478			
<b>PALAEOLOGAN DYNASTY: Michael VIII alone (1258-1272)</b>	<b>185</b>		
479 - 612			
<b>Michael VIII - Andronicus II (1272-1282)</b>	<b>217</b>		
613 - 623			
<b>Andronicus II alone (1282-1294, 1320-1325)</b>	<b>220</b>		
624 - 701			
<b>Andronicus II - Michael IX (1294-1320)</b>	<b>238</b>		
702 - 816			



## PREFACE

The present work constitutes the catalogue of the Late Byzantine coins in the Ashmolean Museum. The Oxford collection is particularly valuable as a source of information, and as a stepping stone towards further research. Firstly, it is a systematic university collection and includes Simon Bendall's collection which was deliberately put together for scientific purposes by a leading scholar and collector who created a system of reference for Palaeologan coins. Secondly, it is a highly comprehensive collection, containing sequences of issues and specimens of all the best known types, including a respectable number of the rarest types. Thirdly, it consists of coins that come from different modern and historical sources, permitting the undertaking of different methods of examination. For all these reasons, analysis of the collection offers important opportunities to trace developments in the material content, denominations and iconography of Late Byzantine coinage, as well as shedding light on places and methods of production and raising new and intriguing questions for the study of Late Byzantine numismatics. The Ashmolean collection increases the general database of Byzantine numismatic material available for the thirteenth, fourteenth and fifteenth centuries; adds to the photographic dossier of hoard-coins, which have previously been very badly illustrated or not illustrated at all; provides a wider coverage of types for the period 1204-1261 than *Dumbarton Oaks Catalogue (DOC) IV*, which, in the main, contains coins from the Harvard University collection; and brings to light a series of unpublished overstrikes, which aids in arranging the coinage in a proper chronological sequence.

The catalogue of the Late Byzantine coins in the Ashmolean was developed through a detailed classification of the coins and with descriptions of their physical character. Part A of the Introduction is concerned with the provenance of the coins that now form the collection, while Part B presents the method by which I incorporated Bendall's collection into the existing Ashmolean coins, and gives brief information about the collection's size and its metallic and typological content. Part C classifies the coins in the Ashmolean according to metals, mints, denominations, weight structures, imperial authorities, religious, imperial and other iconographic types and varieties, and inscriptions-monograms, analyses a number of overstrikes, and concludes with the presentation of new issues accommodated in the collection.

This work has greatly benefited from *DOC IV* and *V*, which have marked an important advancement in our understanding of the Byzantine currency of the twelfth-fifteenth centuries. The discovery of new numismatic finds, the re-examination of the accumulated evidence, and the progress of current research, however, sometimes re-arrange the existing material and suggest different lines of inquiry, which will enable us to build on and beyond the foundation laid by *DOC IV* and *V*. Even such a great achievement as *DOC IV* and *V* should not be allowed to become fossilized. Likewise, it should be noted that new finds can quickly make the suggestions and conclusions presented in this book outdated, and create opportunities for a different or more refined analysis.

The present book is a slightly revised version of one third of my doctoral thesis, which was entitled *Byzantine Coinage AD 1204-1453: Some Problems in Monetary Affairs* (University of Oxford, 2005). I am grateful to the supervisor of the thesis, Prof. Nicholas Mayhew, for his invaluable help in developing the dissertation. I am also indebted to the examiners of the thesis, Prof. Michael Metcalf and Dr. Vasso Penna, as well as to Dr. James Howard-Johnston, Dr.

Marlia Mango, Dr. Catherine Holmes, Prof. Elizabeth Jeffreys, and Prof. Vassos Karageorghis, who have always been ready with their time and advice. My special thanks go to Dr. David Gwynn, who scrutinized the typescript carefully, and for his numerous helpful comments and suggested improvements to the text. I am also grateful to Dumbarton Oaks' summer programme in Byzantine Numismatics and Sigillography (1-26 July 2002) for invaluable input, and for generously releasing to me the special numismatic fonts used in the catalogue.

The writing of this study was supported financially by a number of sources. I would like to thank the A.G. Leventis Foundation for awarding me an educational grant, and the Propondis Foundation for giving me a scholarship. Special thanks are also due to Exeter College for awarding me the Amelia Jackson Senior Studentship, as well as additional financial assistance. Grants made available from the Ireland and T.W. Greene Fund (Craven Committee, University of Oxford), and from the Meyerstein Fund (School of Archaeology, University of Oxford) have also been greatly appreciated.

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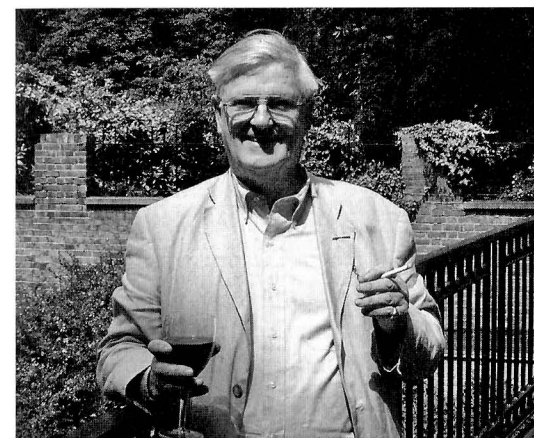
I am particularly grateful to Simon Bendall, who has been a priceless source of information both through his published work and the extensive correspondence we have exchanged since 1999. Mr. Bendall decided to offer his collection to the Ashmolean Museum, because in the University the collection would be used as an instrument for teaching and would stimulate interest in research. With his contribution and encouragement, I have put myself at the service of the collection by making and introducing this Catalogue. I am especially indebted to him for his unreserved guidance and support throughout the years, for his careful reading of this study and for his extremely helpful remarks. He has my enduring thanks!

Last, but not least, I would like to thank whole-heartedly my parents, Michail and Nopi, and my brother, Grigoris, for their love and priceless support.

## INTRODUCTION

### A. Background to the Collection<sup>1</sup>

The Ashmolean collection of Late Byzantine coins consists of two groups. The first and smaller group forms the original Ashmolean collection. In autumn of 1999 the Ashmolean Museum acquired the second and larger group of coins formed by Simon Bendall (pictured below),<sup>2</sup> who assembled it systematically over a period of nearly thirty years. More specifically, the origin of the 'Bendall' Byzantine collection goes back to 1954, when Bendall acquired his first Byzantine coin, a billon trachy of Isaac II. The exceptionally wide variety of types and provenances of this collection results mainly from the fact that as a professional commercial numismatist Bendall was able to establish a wide network of contacts not only with other coin dealers



and collectors, but also with scholars interested in the field. He attended every International Numismatic Congress held between the late 1960s and the late 1980s, as well as the annual Byzantine symposia held in the UK. In those years, Bendall was, perhaps, the only person specializing entirely in the coinage of the last 250 years of the Byzantine Empire. Hence, he was able to acquire coins from many dealers, collectors and friends both in Europe and in the USA. Moreover, from the early 1970s until the mid-1980s Byzantine coins were very inexpensive, and Bendall acquired the bulk of his collection at that time, even coins in poor condition if they were not represented in his

collection, while he used any duplicates he acquired for the purpose of exchange. In this way he was able to acquire a few rare coins from both Dumbarton Oaks and the British Museum - in the days when museums made exchanges - and to make other exchanges with various collectors, some of whom, such as R.N. Bridge and J. Wilkinson, not being interested in the later Byzantine coinage, gave Bendall a number of coins. Today, out of 641 coins published by Bendall in 1988,<sup>3</sup> 285 rest in the Ashmolean collection. Unfortunately, while Bendall was living in Los Angeles in 1989, all his Palaeologan coins were stolen with the exception of those of the reign of Michael VIII and certain others.<sup>4</sup> In 1991 Bendall was able to recover approximately twenty per cent of his stolen coins, and between 1990 and 2000 he was also able to add considerably to his collection. The expansion of the Ashmolean collection continued in 2001, when the Ashmolean Museum purchased some individual Late Byzantine coins from A.H. Baldwin & Sons Ltd, and from Bendall, who still continues to collect.

To date there are four publications that describe and illustrate specimens of the material presently under discussion: Bendall's *Private Collection of Palaeologan Coins*, Hendy's

<sup>1</sup> For a detailed breakdown of the origins of the coins in the Ashmolean collection and their previous owners, see pp. 59-68.

<sup>2</sup> The Ashmolean Museum acquired the second group of coins with assistance from Resource, the National Art Collections Fund, the Carl and Eileen Subak Family Foundation, and the Friends of the Ashmolean.

<sup>3</sup> Bendall 1988a.

<sup>4</sup> Among the coins that were not stolen were a number of coins from the collection of Bertelè, which Bendall had just acquired. These coins had just been discovered by Bertelè's family, and had therefore not been sold with the rest of the collection to Dumbarton Oaks in the 1960s.



*Catalogue of the Byzantine Coins in the Dumbarton Oaks Collection and in the Whittemore Collection*, Metcalf's *Coinage of the Crusades and the Latin East in the Ashmolean Museum*, and Sear's *Byzantine Coins and their Values*. In addition to these works, there are also a series of articles published in numismatic journals illustrating specimens that now belong to the Ashmolean coin collection. Hitherto, however, there has been no Ashmolean catalogue of its Byzantine coins.

### B. The New Collection's Size and Content

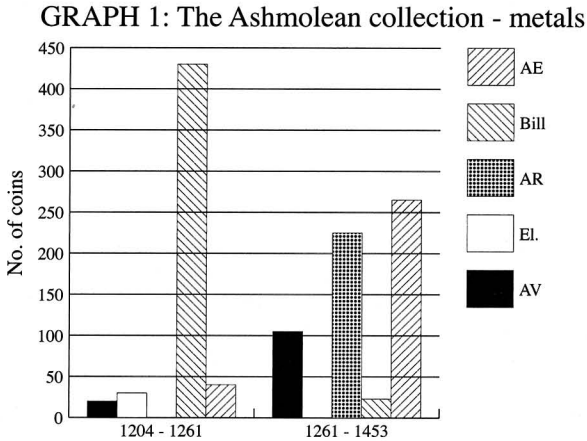
The identification, sorting and labeling of the entire joint collection followed the lines and classification of coins established by *DOC* IV and V, except where those classifications were in need of amplification.

The coins listed in the Catalogue cover the years 1204-1453, and amount to 1128 specimens, most of them in fine condition. The majority of the specimens have not previously been published, and in a few instances coins in the Catalogue confirm reports of the only one or two similar coins known to numismatists. The collection is representative of the original currency used in the period 1204-1453. It is particularly rich in billon and copper coins, with an exceptionally good coverage of imperial authorities, dates and mints. Moreover, it musters a considerable proportion of the currently recorded types and varieties: it includes 363 types out of 640 recorded in *DOC* IV and V, with a wider coverage than *DOC* IV of types of the period 1204-1261.<sup>5</sup> The Ashmolean coin collection also includes several specimens of the same type, so that designs and inscriptions can more easily be pieced together and identified.

### C. Classification of the Material

#### 1. Metals

The Byzantine coins of the period 1204-1453 accommodated in the Heberden Coin Room were minted in five metals: gold, silver, electrum, billon and copper.<sup>6</sup>



<sup>5</sup> According to Bendall (personal communication), *DOC* IV and V listed only those coins that Hendy and Grierson could identify. There are types which do not appear either in *DOC* IV because Hendy thought they were Palaeologan, nor in *DOC* V because Grierson thought they were Nicaean.

<sup>6</sup> A basic prerequisite of any precious metal coinage was a ready supply of bullion. For a discussion about the mines exploited by the Byzantines, see Vryonis 1962, especially pp. 14-7, and Pitarakis 1998.

For the period 1204-1261 (Graph 1) the most common metal in the Ashmolean is the billon (84 per cent), followed by the copper (7.6 per cent), the electrum (c. 5.5 per cent), and the gold (c. 2.9 per cent). The collection, like the currency of the time, completely lacks silver, for in the period 1204-1261 the billon supply adequately filled the gap between gold and copper. The gold, electrum and billon denominations all have concave shapes, which have been explained as an indication of their overvaluation in terms of their metallic content.<sup>7</sup>

For the period 1261-1453 (Graph 1) the bulk of the coinage in the collection is of copper (c. 42.7 per cent). Next in quantity is the silver coinage (c. 37 per cent), followed by the gold (c. 16.9 per cent), and the billon (3.4 per cent). The collection does not include any electrum coinage for this period. The explanation behind this lies in the importance silver attained at this time, meaning there was less reason to put it into electrum. The gold, the early silver, the billon, and partly the copper denominations retain the concave form of the previous period, as opposed to the flat fabric of other silver and copper denominations, which were of pure metal.

All in all, the collection is particularly rich in billon coins (c. 40 per cent) and contains significant amounts of copper (c. 26.8 per cent) and silver (20.2 per cent), but only small amounts of gold (c. 10.5 per cent) and electrum (c. 2.5 per cent). Without doubt, the collection mirrors two phenomena: a) a decline in the metal content of the coinage perhaps reflecting an economic decline in the Empire, and/or a growth in demand for coin,<sup>8</sup> and b) the shift in the Palaeologan period to a silver-based coinage, which replaced the older gold standard.<sup>9</sup>

An important feature of Byzantine coinage in the thirteenth and fourteenth centuries which has received growing attention is the gradual debasement<sup>10</sup> of the gold issues.<sup>11</sup> Only metallurgical analyses of coins can yield accurate results verifying in surviving coins standards of fineness mentioned in contemporary texts and documents,<sup>12</sup> which would clarify the attribution of problematic issues and give insight into how debasement developed. The present work takes into account three major studies carried out in 1985, 1988 and 1999 by Morrisson and her collaborators, who have marked an important advance in outlining with reasonable accuracy the different standards of fineness of the hyperpyron<sup>13</sup> and of the Late Byzantine silver and billon coinage.<sup>14</sup>

<sup>7</sup> Grierson 1999, p. 43.

<sup>8</sup> An apparent shortage in monetary supply may actually reflect a growing demand for money, linked to the growth of population and the opening of new trade markets. One available solution was to lower the value of the currency by reducing the fineness of the coinage, and to increase the number of pieces in circulation, in other words to multiply the monetary units.

<sup>9</sup> The co-existence of two precious metal currencies introduced problems. Mayhew (1999, p. 32) correctly pointed out that running a currency composed of gold as well as silver was more complicated than one consisting only i.e. of silver. For a parallel phenomenon in western and central Europe, see the return after the middle of the thirteenth century from silver to gold (Lopez 1956-57).

<sup>10</sup> Debasement, the medieval ancestor of devaluation, was an important feature also of medieval coinage. See Mayhew 1999, p. 8; Cipolla 1965.

<sup>11</sup> See Brătianu 1938, pp. 229-35; Guadan 1967; Brezeanu 1976.

<sup>12</sup> Pachymeres (ed. Bekker 1835, vol. 2, pp. 493-4); Pegolotti (ed. Evans 1936, pp. 288-9).

<sup>13</sup> Morrisson – Barrandon – Poirier 1985; Morrisson – Barrandon – Bendall 1988.

<sup>14</sup> Morrisson – Barrandon – Ivanišević 1998.

## 2. Mints

Mints and their products provided a medium of exchange for the citizens, as well as income to the fiscal administration from the profits of the minting process.<sup>15</sup> It has been claimed that the Latin Empire possibly maintained the Great Palace mint, and that under the Palaeologan emperors minting probably remained within the domain of the vestiarian and its *προκαθήμενος*.<sup>16</sup> Unfortunately, Byzantine numismatic scholarship lacks a monograph on the Byzantine mints active in the period 1204-1453, mainly due to the absence of Byzantine mint archival records.<sup>17</sup> This area of research, however, has been advanced recently by Bendall,<sup>18</sup> Morrisson,<sup>19</sup> Penna,<sup>20</sup> and Touratsoglou,<sup>21</sup> with special reference to the coinage from Thessalonica and Philadelphia.

Late Byzantine coins do not indicate their mint,<sup>22</sup> a fact which sharpens the critical sense in the recognition of style, fabric and production techniques.<sup>23</sup> Standard criteria of mint identification do not appear to have existed. But the exposition of types helps to outline the criteria on which the classification in *DOC* IV and V has been based, and to build up a profile for the coinage and its mints.

Independent mints were established in the capitals of the Byzantine states of Nicaea, Thessalonica and Epirus after 1204. The mints of Nicaea and Magnesia maintained the Comnenian iconographic tradition, while the mints of Thessalonica and Arta gradually adopted new types. In the Palaeologan period the mint of Constantinople was the main provider of coins for the Byzantine Empire.

Since recent scholarship has attached particular importance to the mint of Thessalonica and its well-defined identity, it seems appropriate to give an integrated description of the Thessalonican mint's specific characteristics. Style and iconographic considerations are the bases for attributing types to the mint of Thessalonica.<sup>24</sup> The main traits of the Thessalonican repertory, which were first established under the Ducas dynasty and then taken over by John III and the Palaeologans, are: firstly, the type of the ruler being handed the city by a saint.<sup>25</sup> Secondly, the representation of the emperor/s holding or accompanied by objects of large

dimensions.<sup>26</sup> Thirdly, the occurrence of novel representations<sup>27</sup> and of figures turned slightly to the left (viewer's side).<sup>28</sup> Fourthly, the blazon-like types for the obverses,<sup>29</sup> such as the lily,<sup>30</sup> the "floriante" cross type (*σταυρός μετά πυρεκβολών*),<sup>31</sup> the star or daisy-type,<sup>32</sup> the cross-type,<sup>33</sup> and the monogram-type.<sup>34</sup> Fifthly, accessory symbols and decorative elements, which play a subordinate role filling gaps in the design,<sup>35</sup> appear more frequently on Thessalonican issues.<sup>36</sup> Finally, the Thessalonican coins are lighter than their Constantinopolitan equivalents.<sup>37</sup>

For the period 1204-1261 the products of the following five mints are present in the collection: Constantinople, Thessalonica, Nicaea, Magnesia and Arta.<sup>38</sup> Hendy has posited that, following the Latin conquest of 1204, the Byzantine government went into exile to Asia Minor,

<sup>15</sup> Stahl 2000, p. 29.

<sup>16</sup> Morrisson 2002, p. 908.

<sup>17</sup> This is not the case for Western scholarship (Lane – Müller 1985, pp. 204-254; Mayhew – Spufford 1988; Stahl 2000).

<sup>18</sup> Bendall 1981a, 1982b, 1984a, 1987a, 1995b.

<sup>19</sup> Morrisson 2001, 2003.

<sup>20</sup> Penna 1998b.

<sup>21</sup> Touratsoglou 1987, 2002 (particularly pp. 284-5).

<sup>22</sup> It is of particular interest that the reverse of Manuel Comnenus-Ducas' billon trachy G (364) bears the inscription ΜΑΝΗΛ ΔΕΣΠΟΤ ΠΟΛΙΣ ΘΕΣΣΑΛΟΝΙΚΗ Ο ΑΓΙΟΣ ΔΙΜΙ.

<sup>23</sup> The coins themselves provide insights into the techniques that produced them. All Byzantine coins were struck. Obverse-reverse die alignment was with some few exceptions standard practice in all metals. The standard works which describe the methods of striking Late Byzantine trachea, whose problematic shape entailed a specialized manufacturing sequence, are Bendall's and Sellwood's (Bendall – Sellwood 1978; Sellwood 1980; see also Delamare – Montmitonnet – Morrisson 1988, pp. 44-7). The suggested techniques involved two (half and half) concave upper dies and a convex lower die – the flan (or blank) capped the lower convex die.

<sup>24</sup> Other criteria of identification are die duplications (Bendall 1995b, p. 139) and localization by find spots (Grierson 1967, p. 318).

<sup>25</sup> Theodore Comnenus-Ducas: electrum trachy B (321-2), billon trachy D (329-31); Manuel Comnenus-Ducas: billon trachy G (364-7); John Comnenus-Ducas: billon trachy III/N (408-10); John III/Thessalonica: billon trachy G (455-6); Michael VIII: stamenon VIII (589). See Morrisson 2003, pp. 180-3.

<sup>26</sup> Latin Imitative half-tetarteron B (129); Theodore Comnenus-Ducas: billon trachy F (332-4), tetarteron Var. B (338-40); John Comnenus-Ducas: billon trachy II/B (372), III/D Var. A (384-6), III/G (390-2), III/R Var. A (418-9), III/X (430-2); Michael VIII: stamena XVI (596), XVII (597), XX (598-600), XXII (601); Andronicus II: stamena VII (672), XXVII-XXX (678-82), XXXIII (686), XLI (695-6), XLIII (697-8), XLIV (699-701); Andronicus II-Michael IX: stamena XXII-XXV (811-5); Andronicus III: assaria VI (837-8), XVIII (843-4). See Morrisson 2003, p. 183.

<sup>27</sup> *St. Demetrius seated on a backless throne with a sword resting on his knees* - Theodore Comnenus-Ducas: billon trachy F (332-4); John Comnenus-Ducas: billon trachy III/H (393-4); Michael VIII: stamena II (580-1), III (582-3), XV (595); Andronicus III: assarion VII (839); *St. Demetrius holding the small cross of the martyr on his breast* - Michael VIII: stamena XIII (592-3), XIV (594); Andronicus II: stamenon XXXVIII (693); *the martyrdom of St. Demetrius* - John V/4e: assarion IV (888-89); *a facing Virgin Orans with the inscription Hagiosoritissa* - Theodore Comnenus-Ducas: electrum trachy B (321-2); *the emperor under an archway* - John Comnenus-Ducas: billon trachy III/W (428-9); Andronicus II: stamenon XI (673-4); *a winged emperor* - John Comnenus-Ducas: billon trachy III/U (421-3), III/V (424-7); Michael VIII: stamenon XIV (594); Andronicus II: stamena II (667-9), IV (671), XLIII (697-8), XLIV (699-701); *an eagle* - John Comnenus-Ducas: billon trachy II/B (372), III/G (390-2). See Morrisson 2003, pp. 181-4.

<sup>28</sup> Latin Imitative half-tetarteron B (129); Theodore Comnenus-Ducas: half-tetarteron C (341-3); John Comnenus-Ducas: billon trachy III/K Var. A (398-400). See also Touratsoglou 1971, p. 191.

<sup>29</sup> Touratsoglou 1971, p. 191, n. 6.

<sup>30</sup> Michael VIII: stamenon XX (598-600).

<sup>31</sup> Theodore II/Thessalonica: billon trachy (467-8). See Touratsoglou 1971, p. 191, n. 5.

<sup>32</sup> John Comnenus-Ducas: billon trachy III/T (420); Michael VIII: stamenon VII (588); Andronicus II: stamena XXVIII (679-80), XXIX (681), XXXVII (692); Andronicus II-Michael IX: stamenon XIX (810).

<sup>33</sup> Latin Imitative half-tetarteron A, reverse (128); John Comnenus-Ducas: billon trachy III/E (387-9), III/L Var. B (406), III/N (408-10), III/W (428-9); Michael VIII: stamenon VIII (589); Andronicus II: stamena XV (675), XXVI (677), XXX (682), XXXII (683-5), XXXV (689-91); Andronicus II-Michael IX: stamenon XXIII (812-3); Andronicus III: assarion III (835).

<sup>34</sup> Andronicus II: stamenon XL (694); Andronicus II-Michael IX: stamenon XXV (815); Andronicus III: assarion XVIII (843-4).

<sup>35</sup> E: Andronicus II: stamena XXXVIII (693), XL (694); Andronicus III: assaria V (836), X (840-1); *Lily*: John Comnenus-Ducas: billon trachy I/B (368-71), III/B (378-80); Andronicus III: assarion VII (839); *Long cross with three cross-arms*: John V/4e: stamenon (?) I (887); *Outstretched wing*: John III/Thessalonica: billon trachea A (442-4), B (445-7); *Star*: Manuel Comnenus-Ducas: billon trachy A (346-50); John Comnenus-Ducas: billon trachy III/B (378-80), III/P (414-6), Uncertain (433-4); John III/Thessalonica: billon trachy D (448-9); Michael VIII: stamena XI (590), XIII (592-3), XVII (597); Andronicus II: stamena XXVI (677), XXVII (678), XXXII (685), XXXIV (687-8), XXXV (689-91), XXXVII (692), XXXVIII (693), XL (694); Andronicus III: assaria VII (839), X (840-1), XIV/obverse and reverse (842); John V/4e: stamenon (?) I (887); John V/5: stamenon III/obverse and reverse (892-3).

<sup>36</sup> See also Gerasimov 1969.

<sup>37</sup> See also p. 18, n. 86-8.

<sup>38</sup> There is also an issue of Ivan II Asen assigned by Hendy, without certainty, to the mint in Ochrida (478).



and in mid.-1205 started issuing its coins in the new capital, Nicaea.<sup>39</sup> Slightly later, however, probably during the period 1210/11-12 or very shortly afterwards, the mint was transferred to Magnesia, where most of the coinage of the Empire of Nicaea was struck.<sup>40</sup> For the period of the Latin occupation (1204-1224) the mint of Thessalonica issued the products of the Latin invaders, but after the recapture of the city from the Latins in 1224 it operated at first under the Thessalonican emperors, and from 1246 until 1255/56 under Nicaean rule.<sup>41</sup> A mint operating more or less at the same time as the mint of Thessalonica for the rulers of Epirus was the mint of Arta; however, the exact date of its inception remains unknown.<sup>42</sup> 36.68 per cent of the specimens in the collection were issued in the mint of Thessalonica, and 26.41 per cent were products of the mint of Magnesia. As far as the mint of Constantinople is concerned, for this period the collection contains only issues of the Latin invaders (22.43 per cent), providing an insight into the nature and number of issues that were in circulation.

For the period 1261-1453 the number of mints slightly increased. The issues of the following four (possibly five) mints are present in the Ashmolean: Magnesia, Constantinople, Thessalonica, Philadelphia, and possibly Adrianople or Didymoteicho. Unfortunately, there is still uncertainty about the attribution of several issues to particular mints. For the moment the balance of evidence indicates that for the Palaeologan period the bulk of the Ashmolean specimens dated up to 1453 were issued in the mint of Constantinople. Of the rest, on the basis of standards set up by Bendall<sup>43</sup> and Morrisson,<sup>44</sup> c. 15 per cent of the Palaeologan issues in the collection have been identified as products of the Thessalonican mint, suggesting that the mint of Thessalonica was still active down to the 1380s. Furthermore, profiting from Bendall's work,<sup>45</sup> 1.3 per cent of the Palaeologan material has been attributed to the mint of Philadelphia, suggesting the operation of that mint continued into the 1270s or 1280s. Finally, the existence of one silver coin attributed by Bendall to the reign of John V-John VI (853)<sup>46</sup> raises the question of the operation of a mint of John VI in Thrace, either in Didymoteicho or Adrianople. The existence of other presumed mints, also proposed by Bendall, requires further investigation.<sup>47</sup>

It is generally accepted that not all the above mints struck coins in all metals. Analysis of the material in Oxford makes this explicit. The gold coins in the collection were struck almost exclusively in Magnesia and Constantinople, although the evidence of five hyperpyra of Michael VIII (574-8) attributed by Bendall to the mint of Thessalonica, and of four hyperpyra of the same ruler (603-6) attributed by Bendall to the mint of Philadelphia,<sup>48</sup> reopens the question regarding the production of Late Byzantine gold coins apart from the mint of Constantinople.<sup>49</sup> The

<sup>39</sup> Hendy 1999, p. 133.

<sup>40</sup> Grierson 1999, p. 58: It is still difficult to say whether the mint of Magnesia continued operating after 1261. Magnesia remained a Byzantine city until 1313 when it was captured by the Turcoman emir Sarukhan who made it his capital and main mint. The fact that his coins were modelled on those of south Italy and not of Byzantium indicates that he did not find a mint there whose personnel could be taken over.

<sup>41</sup> Hendy 1999, p. 130.

<sup>42</sup> Hendy 1999, p. 134.

<sup>43</sup> Bendall 1981a, 1982b, 1987a, 1995b.

<sup>44</sup> Morrisson 2003.

<sup>45</sup> Bendall 1984a.

<sup>46</sup> Bendall 1997a, pp. 154-5.

<sup>47</sup> Bendall 1984b, p. 161: '... undoubtedly, mints other than Constantinople were producing hyperpyra. Gold coins were certainly struck in Thessalonica, and probably in Philadelphia, as well as in one or two minor mints. Evidence also supports the existence of a secondary mint at Constantinople itself.'

<sup>48</sup> Bendall's attribution largely relies on Pegolotti's reference to 'perperi di Filadelfe' with a purity of 12 carats.

<sup>49</sup> For a complete discussion about the production of Palaeologan gold coins in the mints of Thessalonica and Philadelphia, see Bendall 1981a, 1982b, 1984a, 1987a; Touratsoglou 2002, pp. 270, 276; Penna 2003, p. 11.

electrum coins of the collection are products of the mints of Nicaea, Magnesia, Thessalonica and Arta, while the silver coins derive from the mints of Magnesia, Constantinople, Thessalonica,<sup>50</sup> and either Adrianople or Didymoteicho. As to billon coinage the Ashmolean specimens were struck in the mints of Constantinople, Thessalonica, Nicaea, Magnesia and Arta. Finally, the copper issues were minted in Magnesia, Thessalonica, Constantinople and Philadelphia.

### 3. Denominations

The Byzantine monetary system of the period 1204-1453 can be divided into the four following periods: a) the Latin conquest (1204-1261), b) the early Palaeologan period (1261-1304), c) the middle Palaeologan period or the period of the silver basilicon (1304-early 1370s), and d) the late Palaeologan period or the period of the silver stavraton (early 1370s-1453) (Table 1a-d).

TABLE 1a: The period of the Latin conquest (1204-1261)

AV	EL.	Bill.	AE	
Hyperpyron	Aspron Trachy	Aspron Trachy	Tetarteron	Half-tetarteron
4.35 g	2.82 g	3.3 g	2.75 g	1.96 g
28 mm	31 mm	29 mm	20 mm	19 mm
Concave	Concave	Concave	Flat	Flat

TABLE 1b: The early Palaeologan period (1261-1304)

AV	AR	AE	
Hyperpyron	Aspron Trachy	Stamenon	Tetarteron
4.3 g	1.77 g	2.56 g	2.09 g
26 mm	26 mm	25 mm	20 mm
Concave	Concave	Concave	Flat

TABLE 1c: The middle Palaeologan period or the silver basilicon period (1304-early1370s)

AV	AR	Bill.	AE	
Hyperpyron	Basilicon	Tornese/Politikon	Stamenon	Assarion
3.94 g	1.76 g	0.64 g	2.2 g	2.22 g
24 mm	20 mm	18 mm	24 mm	21 mm
Concave	Flat	Flat	Concave	Flat

TABLE 1d: The late Palaeologan period or the silver stavraton period (early 1370s-1453)

AR			AE	
Stavraton	1/2 stavraton	1/8 stavraton	Tornese	Follaro
7.63 g	3.56 g	0.92 g	1.88 g	0.73 g
25 mm	20 mm	15 mm	18 mm	16 mm
Flat	Flat	Flat	Flat	Flat

<sup>50</sup> On the grounds of a basilicon of Andronicus II-Michael IX (809); see Bendall 1995b, p. 139.

Throughout the years 1204-1453, the basic moneys of account were the hyperpyron, and its twenty-fourth part, the keration. Starting with the first monetary period, the collection contains denominations struck by the successor Byzantine states, being based on the modified monetary system of Alexius I Comnenus (1092). The denominations are the gold concave hyperpyron - perpero,<sup>51</sup> the concave electrum trachy, the concave billon trachy, and the flat copper tetarteron with its fraction, the half-tetarteron.<sup>52</sup> Continuing with the second period, the denominations represented in the Ashmolean are the hyperpyron, the silver concave coin descended from the concave electrum coin of the twelfth century and called like it a trikephalon<sup>53</sup> or an asper (ἀσπερον), and also two denominations of copper - the concave stamenon<sup>54</sup> and the flat tetarteron. For the third period (1304-early 1370s), the hyperpyron, which continued being struck until c. 1355 (during the reign of John V-John VI),<sup>55</sup> is present in Oxford; likewise the flat silver basilicon,<sup>56</sup> in practice called a ducat or a silver piece - ἀργύριον or ἀσπερον,<sup>57</sup> the billon tornese, followed later by the billon politikon coin,<sup>58</sup> the concave copper stamenon,<sup>59</sup> and the flat copper assarion, which virtually replaced the tetarteron, are all represented. In the fourth period (early 1370s-1453), gold coins were not struck; the term hyperpyron continued to be used only as a unit of account. The coins actually struck were the silver stavraton - υπέρπυρον ἀργυρόν - and its fractions, the half-stavraton and the eighth-stavraton<sup>60</sup> - called an asper or occasionally ducatopouli or ducatelli<sup>61</sup> - and two flat copper denominations, the tornese and the follaro.<sup>62</sup> Billon coinage was not struck in the very last phase of the Palaeologan period.

The Ashmolean collection indicates the frequency with which denominations appeared in Byzantine economic life of the period 1204-1453. In the first monetary period (1204-1261) the

most common denomination struck by every successor state and the Latin rulers is the billon trachy (421 sp., c. 83.9 per cent of the total amount of specimens from the period 1204-1261 in the collection). Next is the electrum trachy struck by the Empires of Nicaea and Thessalonica, as well as by the Despotate of Epirus (28 sp., c. 5.6 per cent), followed by the tetarteron, which was basically struck by the Empire of Nicaea (28 sp.), and by the Empire of Thessalonica (3 sp.). Finally, the Ashmolean contains a moderate number of hyperpyra of the Empire of Nicaea (15 sp., c. 3 per cent). Moving to the second monetary period (1261-1304) the most popular denomination was the concave copper stamenon (127 sp., c. 54 per cent), followed very closely by the hyperpyron (100 sp., c. 42.6 per cent). Only 3 Constantinopolitan silver trachea are present in the collection, supporting the view that they were struck on a limited scale, and did not play an economic role of any consequence.<sup>63</sup> In the third monetary period (1304-early 1370s) the most popular denominations, as demonstrated in the Ashmolean collection, were the basilicon (32 sp., c. 27.4 per cent), and the flat copper assarion (38 sp., c. 32.5 per cent), followed by the concave copper stamenon (20 sp., c. 17.1 per cent). Next were the billon denominations, namely the politikon (13 sp., c. 11.1 per cent) and the tornese (9 sp., c. 7.7 per cent). Finally, for the last monetary period (early 1370s-1453), the most frequent denomination present in the collection is the half-stavraton (96 sp., c. 43.6 per cent). Next is the eighth stavraton (55 sp., 25 per cent), followed by the stavraton (40 sp., c. 18.2 per cent), which is again followed by the copper tornese (17 sp., c. 7.7 per cent) and the copper follaro (12 sp., c. 5.5 per cent). All in all, the dominant denominations were: in the first monetary period the billon trachy, in the second the copper stamenon and the hyperpyron, in the third the basilicon and the copper assarion, and in the last the half-stavraton.

What is evident from the above is the multi-denominational nature of the Byzantine monetary system. Apart from the hyperpyron, which was the only gold denomination of the period 1204-1453, and the aspron trachy, which was the unique representative of the electrum coinage, the silver trachy was soon succeeded by the basilicon, which was followed by the stavraton and its fractions. Moreover, the billon trachy was succeeded by the tornese, and shortly after by the politikon, while the tetarteron and its half were followed by the stamenon and the assarion, which were finally replaced by the copper tornese and the follaro. The sophisticated character of the Byzantine monetary system, which comprised large, intermediate and small denominations, possessed great adaptability. Every monetary crisis was followed by a process of stabilization that lasted at least half a century.<sup>64</sup> For instance, the basilicon was introduced in 1304 and circulated until the early 1370s, in the crucial period when the Venetian grosso imported into Greece in the decades following the Fourth Crusade was widely circulating in Thrace, Macedonia, central and western Greece, the Peloponnese and Crete.<sup>65</sup> Finally, it is instructive that the Byzantine coinage of the fourteenth and fifteenth centuries seems to have consisted mainly of two denominations of very disparate value<sup>66</sup> – the copper tornesi/follari and the silver stavraton, which actually formed an independent system with its own fractions.

<sup>51</sup> Grierson 1966, p. 124.

<sup>52</sup> Not every denomination was struck by each state. Thus, the Nicaean emperors struck all the denominations, except for the half-tetarteron. The rulers of the Empire of Thessalonica struck all the denominations, except for the hyperpyron. The despots of Epirus issued only electrum and billon trachea. Finally, the Latin emperors struck in the mint of Constantinople hyperpyra, while in both the mints of Constantinople and Thessalonica billon trachea and half-tetartera.

<sup>53</sup> The name survived for the denomination, despite the fact that three figures were no longer depicted on them.

<sup>54</sup> Grierson 1999, p. 53: Modern chemical analysis has shown that the stamena do not contain any silver. Despite this, it is suggested that they retained their concave form as an indication of value. Perhaps it was the coins' shape that led Bendall to name them billon trachea in his important study *The Billon Trachea of Michael VIII Palaeologos 1258-1282*.

<sup>55</sup> Grierson 1999, pp. 47-8, 193: The last gold coin of all, attributable to the 1350s, was the semi-Western gold flat 'florin' of John V. A unique specimen survives in the Bibliothèque Nationale. It weighs much less than the traditional *nomisma*, but it was of nearly pure gold (97.9 per cent). The Byzantine side depicted the standing figure of the emperor, while the Western side showed the standing figure of St. John.

<sup>56</sup> Morrisson 2002, p. 925: The introduction of the basilicon marked the abandonment of Comnenian numismatic structures.

<sup>57</sup> The collection does not include the fraction of the basilicon, the half-basilicon.

<sup>58</sup> For reasons that are not clear, those coins that bear the legend ΠΟΛΙΤΙΚΟΝ and an imperial effigy (854-8) are concave, while those that are anonymous (859-65) are flat.

<sup>59</sup> Grierson 1999, p. 28: The old term 'histamenon' had once meant a gold coin of concave fabric. It was transferred in the twelfth century to the concave billon trachea of the Alexian reformed coinage, which subsequently were minted in copper.

<sup>60</sup> Grierson 1999, p. 51: The stavraton was accompanied initially by the eighth, and subsequently by the half.

<sup>61</sup> Grierson 1999, p. 51: There was no quarter stavraton of c. 2 g, presumably because the Venetian grosso of 2.18 g, although reduced in 1369 to 1.99 g and in 1394 to 1.82 g, fulfilled the need for a coin of about this weight.

<sup>62</sup> With the disappearance of the concave hyperpyron and the copper trachy in the 1350s there also vanished the concave fabric.

<sup>63</sup> Grierson 1999, p. 10.

<sup>64</sup> Morrisson 2002, pp. 912, 920.

<sup>65</sup> Galani-Krikou 1988, p. 184.

<sup>66</sup> Similar to the Byzantine coinage of the ninth, tenth, eleventh centuries (see Metcalf 1979, p. 13).

#### 4. Weights

The coin weight data available in the Ashmolean collection forms the basis of the following metrological analysis, which provides a fair indication of the intended weights of the Byzantine issues in the period 1204-1453.<sup>67</sup> Nevertheless, two limitations should be kept in mind. Firstly, coins were allowed to fluctuate in weight within certain limits, which in the case of copper and billon coins could be large.<sup>68</sup> And secondly, coins might be underweight, as a result of wear<sup>69</sup> or cleaning, or overweight through selective hoarding (the better specimens are set aside, and tend to survive) or as a result of the adhesion of corrosion products to a coin's surface.<sup>70</sup> The following research aims to average the weights of each denomination, pointing out the lightest and heaviest specimens<sup>71</sup> - in order to measure how much the weights are spread on each side of the mean weight - and the most frequent recorded weights of the most numerous groups, as well as the changes or irregularities in the weights over the years. The method used for presenting chronologically the distribution profile of the weights within a sample consisting of coins of the same denomination is the graph. The blue line indicates the mean weights; the height of the points on the blue line is adjusted according to the average weights (given on the vertical line of the graph) of the coins issued by the responsible imperial authority (given on the horizontal line of the graph).<sup>72</sup> No coins have been excluded from this process, except for those that have been seriously clipped and damaged. The irregularities in the weights of the Late Byzantine issues make clear that the mints struck coins *al marco*, and not *al pezzo*, namely that they were averaging the weights of the coins, instead of controlling the weights of individual coins within strictly defined limits.<sup>73</sup> The weights of the gold coins also vary significantly because the coins were debased, resulting in a lowering of their weight.

The average weight of hyperpyra of John III in the Ashmolean is c. 4.37 g. This figure is maintained in the thirteenth century through to Theodore II. Under Michael VIII the average falls to c. 4.15 g, with 3 specimens (out of 29 from this reign included in the collection) failing to reach the 4 g level, and under Andronicus II the average is down to 4.02 g, with the majority of the coins weighing between 3.90 g and 4.10 g. The irregularities in the weight are particularly apparent in the joint reign of Andronicus II-Michael IX, where 1 specimen out of the 70 in the collection falls below 3 g. This is a feature repeated in the joint reign of Andronicus II-Andronicus III, where 1 specimen out of the 2 in the collection falls again below 3 g.<sup>74</sup>

<sup>67</sup> For a statistical analysis of coin weights by computer, see Cope 1980.

<sup>68</sup> When billon and copper coins were overvalued significantly, their intrinsic value and consequently the value of their weight became less important. That is why the fluctuation of weight in the billon and copper coinage could be large.

<sup>69</sup> Grierson 1975, p. 149: Allowance for wear in gold is normally small, 1 per cent or 2 per cent, but that on silver may be up to 4 per cent or 5 per cent, and even larger for copper.

<sup>70</sup> Grierson 1975, pp. 146-7.

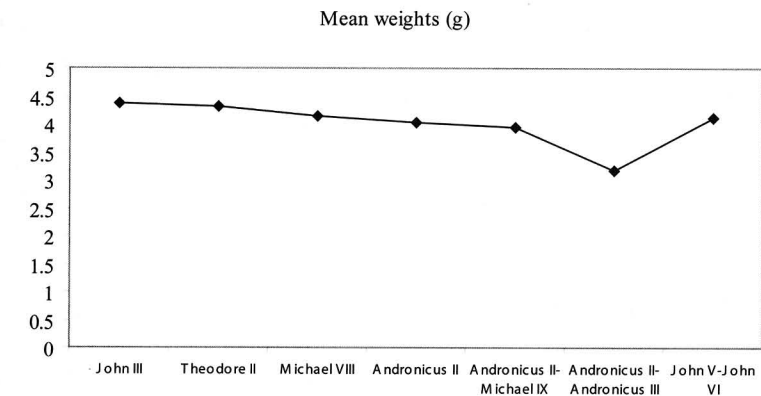
<sup>71</sup> Recognizing the danger that coins might be struck by accident on heavy or light flans intended for other denominations.

<sup>72</sup> Thus, for the purposes of this research the conventional histogram, which consists of a set of columns whose heights represent the number of coins whose weights lie within the range given by the width of the columns, is not utilised.

<sup>73</sup> Grierson 1999, p. 43.

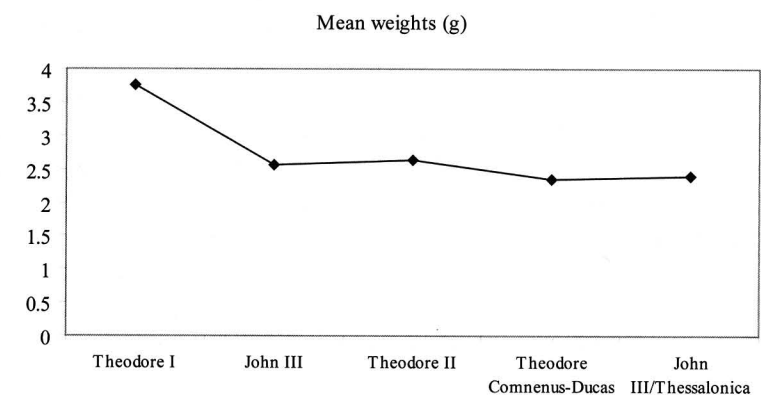
<sup>74</sup> Moreover, the average weight of the two hyperpyra of John V-John VI is 4.11 g, while the single hyperpyron of Andronicus III-John V-Anna of Savoy weighs 4.13 g.

GRAPH 2: Hyperpyra



The average weight of the electrum trachea of Theodore I is c. 3.77 g, but under John III it falls to c. 2.57 g, a figure maintained through the reign of Theodore II. Throughout the rule of the Empire of Thessalonica the weights of the electrum trachea average c. 2.3-c. 2.4 g.<sup>75</sup>

GRAPH 3: Electrum trachea



The analysis of the weights of the silver coinage in the collection indicates that the recorded weights of the very few silver trachea are all under 2 g, and most of them fall to c. 1.7 g. Moreover, the weights of the basilicon for the period 1304-1320 (or later) vary, with one specimen of the anonymous religious series rising as high as 2.16 g,<sup>76</sup> and one, of the regular series, falling to 1.48 g, but with the majority weighing under 2 g (c. 1.8 g).<sup>77</sup> For the period 1328-1341, namely during the reign of Andronicus III, the weight of the basilicon in the collection is reduced from c. 2 g to c. 0.95 g. The implication is that the denomination comprises two series, a heavy

<sup>75</sup> A single specimen of electrum trachy of Manuel Comnenus-Ducas weighs 3.16 g.

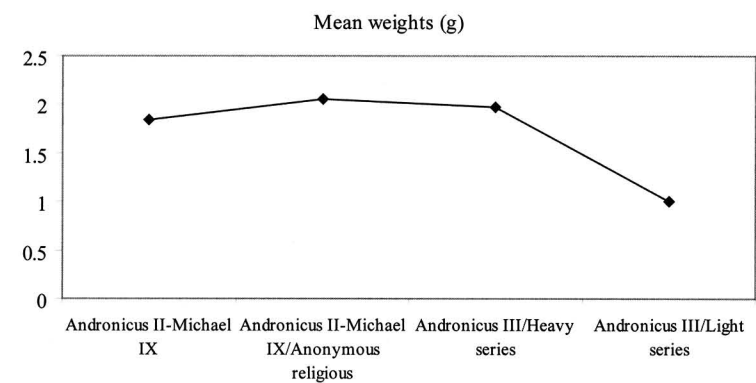
<sup>76</sup> Very close to the Venetian grosso, which weighed 2.18 g.

<sup>77</sup> It is worth noting that the average weight of the anonymous religious series reaches the figure of 2.06 g.

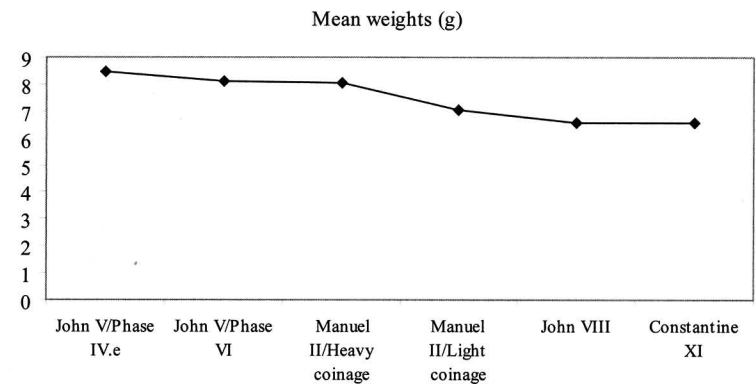


original coin being eventually replaced by a lighter one.<sup>78</sup> Finally, in the second phase of the reign of John V (1347-1353) the average weight of the basilica in the collection is c. 1.2 g, a figure that, according to Grierson, implies a value of a twelfth of a notional hyperpyron 11 carats fine.<sup>79</sup>

GRAPH 4: Basilica



GRAPH 5: Stavrata



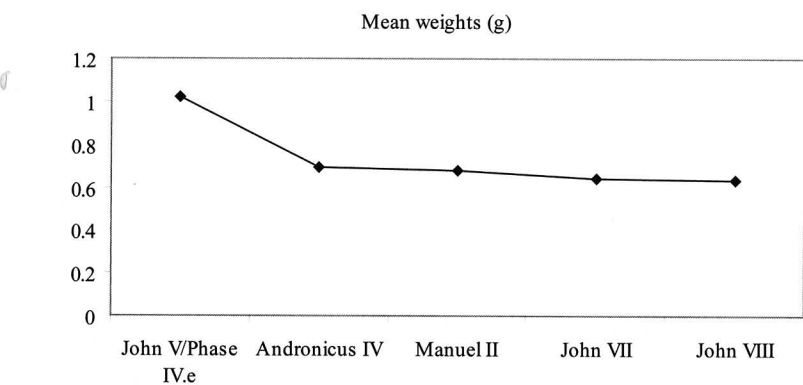
Furthermore, the metrological analysis of the stavrata in the Ashmolean collection reveals that the weight of the stavrata, when introduced by John V before the usurpation of Andronicus

<sup>78</sup> Grierson 1999, p. 164: The reason for the reduction of the weight of the basilicon lies probably in the difficulty in securing adequate silver supplies; on the one hand, not enough basilica were in circulation to meet the demand, and on the other, the state could not afford to mint new ones. A parallel phenomenon was taking place in Venice, as in most of Western Europe, at this time.

<sup>79</sup> Grierson 1999, p. 184.

IV in 1376,<sup>80</sup> was c. 8.49 g, but was reduced by the end of John V's rule to c. 8.14 g. A further weight reduction was carried out in the reign of Manuel II (to c. 7.02 g), and reached its lowest level in the reign of John VIII, at c. 6.55 g, a figure maintained in the reign of the last emperor of the Byzantine Empire, Constantine XI.<sup>81</sup>

GRAPH 6: Eighth stavrata



John V introduced the eighth stavrata together with the stavrata. Analysis of the Ashmolean collection demonstrates that the average weight of the small silver coin throughout John V's reign is 1.02 g, with 1 specimen out of the 13 in the collection falling to 0.82 g. Under Andronicus IV the single specimen in the collection weighs 0.69 g, while under Manuel II the average weight reaches again the figure of 0.68 g, with most of the coins weighing between 0.71 g and 0.92 g. Under John VII the weight is slightly further reduced to an average of 0.64 g, with the majority of the specimens falling under 0.6 g. Finally, under John VIII the eighth stavrata reaches its lowest average weight at 0.63 g, with the majority of the coins weighing between 0.61 g and 0.64 g.

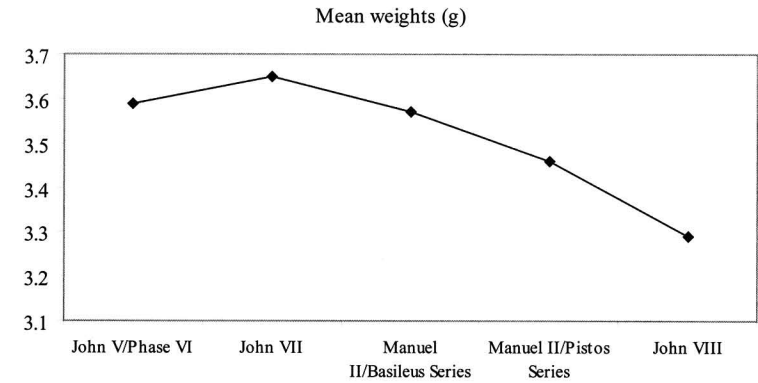
In the 1380s John V added the half-stavrata to the stavrata series.<sup>82</sup> The Ashmolean collection contains only one specimen of John V, weighing 3.59 g, but under John VII the average weight of the half-stavrata is 3.65 g, with 1 specimen out of the 9 in the collection weighing 3.20 g. Under Manuel II the weights of the half-stavrata vary, with one specimen reaching the lowest level of 1.95 g and another reaching the highest level of 3.89 g, with 12 specimens weighing between 2.95 g and 3.27 g, and the majority of the specimens averaging 3.75 g. Under John VIII the average weight of the half-stavrata falls again to c. 3.29 g, with 1 specimen in the collection failing to reach the 3 g level (it weighs 2.74 g). Thus, the reduction of the weight of the stavrata and its fractions seems to have moved, deliberately, in step.

<sup>80</sup> Grierson (1999, pp. 28-31, particularly p. 30) considers that the stavrata was probably introduced in 1367, while Bendall (2002b, p. 334, n. 8, 10), based on the rarity of John V's early stavrata, places its introduction a few years later, in the early 1370s.

<sup>81</sup> According to Grierson (1999, p. 50), the stavrata was reduced over the years to c. 7.5 g or less. However, it is obvious here that the weight was in fact reduced to c. 6.5 g.

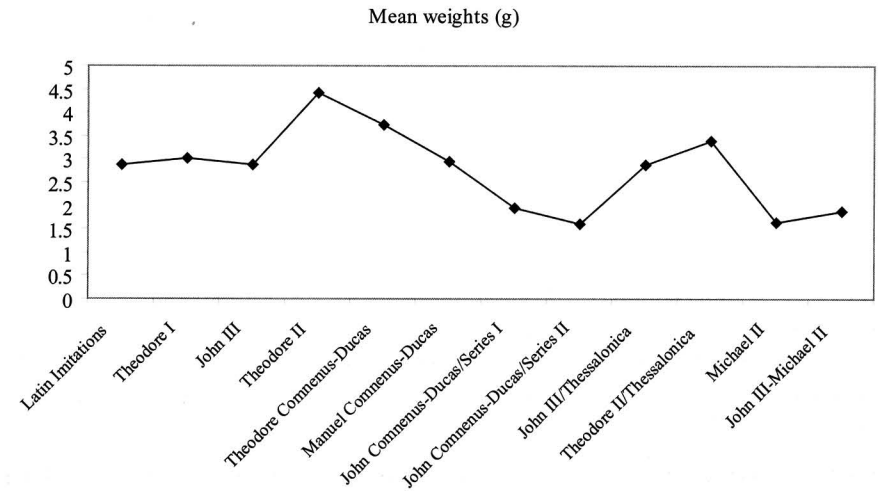
<sup>82</sup> Grierson 1999, p. 51: It is suggested on the basis of the discontinuation of the eighth stavrata during John V's last years that John V added the half-stavrata as a substitute for the eighth. But the eighth was restored by Manuel II, and the stavrata and its two fractions continued being struck down to the end of the empire.

GRAPH 7: Half stavrata

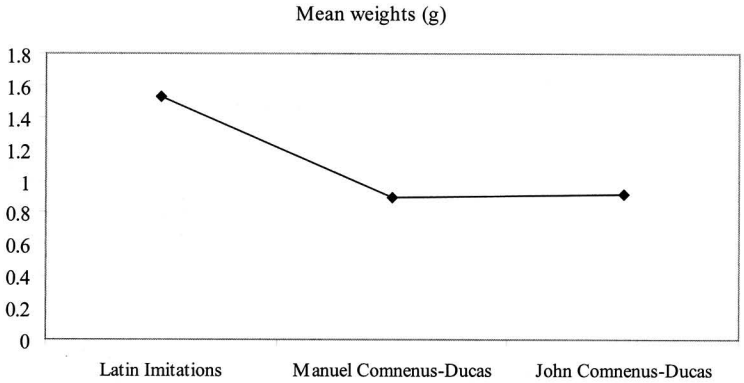


Moving on to the billon coinage, the large-module billon trachea struck by the Latin invaders are coins some 29 mm in diameter. They average c. 2.86 g, with the majority of the specimens weighing between 2 g and 3 g. As to the small-module billon trachea, about 22 mm in diameter, the average weight is c. 1.53 g, with only 3 specimens out of 22 failing to reach the 1 g level. Under Theodore I the average weight of the billon trachea is c. 3.03 g, falling to c. 2.87 g under John III, and increasing to 4.42 g under Theodore II. Under Theodore Comnenus-Ducas the weights of the billon trachea average c. 3.75 g, but c. 2.96 g under Manuel Comnenus-Ducas. In John Comnenus-Ducas' reign the average weight of the large-module trachea is 1.96 g (Series I) and 1.61 (Series II), while that of the small-module trachea is 0.92 g (Series III). Under John III's Thessalonican rule the average of the billon trachea again reaches the 3 g level, and under Theodore II it exceeds it (3.39 g). Finally, the weight of the billon trachea of the rulers of the Despotate of Epirus (Michael II, John III-Michael II) kept in the collection averages c. 1.72 g.

GRAPH 8: Billon trachea – large-module

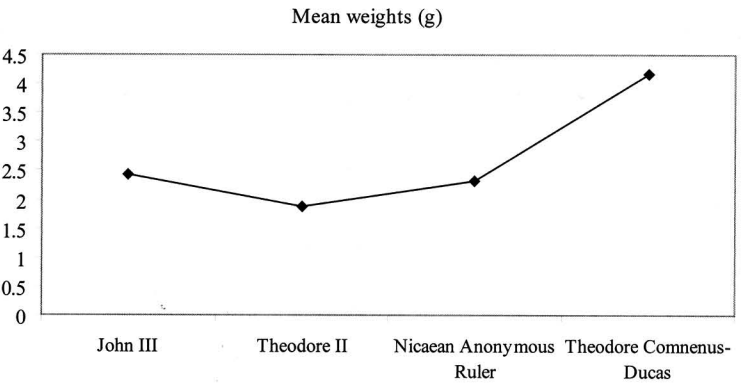


GRAPH 9: Billon trachea – small-module



The minting of the tornesi, worth an eighth of a basilicon, started under Andronicus II. The study of the weights of the specimens in the Ashmolean collection shows that the average weight of the tornesi bearing only the figure of Andronicus II is c. 0.6 g, while the average weight of those bearing the figures of Andronicus II and Michael IX falls to c. 0.5 g (no graph is provided). The tornesi were followed under Andronicus III by the politikon series. The collection does not include any politikon coins of Andronicus III, but does contain 12 specimens of John V with average weight c. 0.6 g. A coin outside the usual pattern in the collection is one of copper, but of Class XVI of the politikon series, struck on a concave flan that weighs 2.25 g.<sup>83</sup>

GRAPH 10: Tetartera

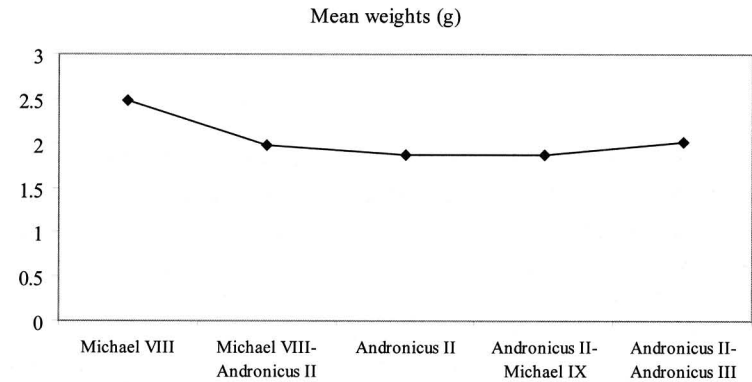


Under Nicaean rule, the average weight of the small (20 mm in diameter) and relatively thick tetartera decreases from c. 2.44 g under John III to c. 1.89 g under Theodore II. In contrast the tetartera of the Empire of Thessalonica, and specifically of Theodore Comnenus-Ducas, average c. 4.16 g. The average weight of the half-tetartera struck by the Latin rulers in the mint of Thessalonica is c. 1.77 g.

<sup>83</sup> According to Grierson (1999, p. 52), the coin was intended as a stamenon, but because it was realised that it would have been confusing for users to handle politikon coins and stamena of the same type, the coin was silvered and reckoned as politikon.

The irregularly shaped stamena of Michael VIII in the Ashmolean collection weigh anywhere between 1.24 g and 4.14 g, averaging over 2 g (c. 2.48 g).<sup>84</sup> According to Grierson, they were perhaps struck 144 to the pound, but the differences between the specimens are striking indicators of the existence of ‘no prescribed limits of tolerance’.<sup>85</sup> Under the joint reign of Michael VIII-Andronicus II the average weight falls to a little under 2 g (1.97 g), a figure maintained throughout the sole reign of Andronicus II (c. 1.87 g),<sup>86</sup> the joint reign of Andronicus II-Michael IX (c. 1.86 g),<sup>87</sup> and the joint reign of Andronicus II-Andronicus III (c. 2.01 g).

GRAPH 11: Stamena



The stamena were accompanied at first by tetartera. The average weight of the tetartera of Andronicus II in the collection is c. 2.08 g with most of the specimens (4 out of 5) weighing between 1.8 g and c. 2 g. In 1294, on the association of Andronicus II with Michael IX as co-emperor, the stamena were accompanied by the larger and thinner assaria. The assaria of Andronicus II-Michael IX in the Ashmolean collection weigh between 1.2 g and 2.63 g, averaging c. 1.98 g, while the assaria of Andronicus III average 1.77 g with most of the specimens weighing between 1 g and 1.9 g.<sup>88</sup>

<sup>84</sup> The average weight of the Magnesian stamena is 2.18 g, of the Constantinopolitan c. 2.52 g, of the Thessalonican c. 2.39 g, and of the Philadelphian c. 2.15 g.

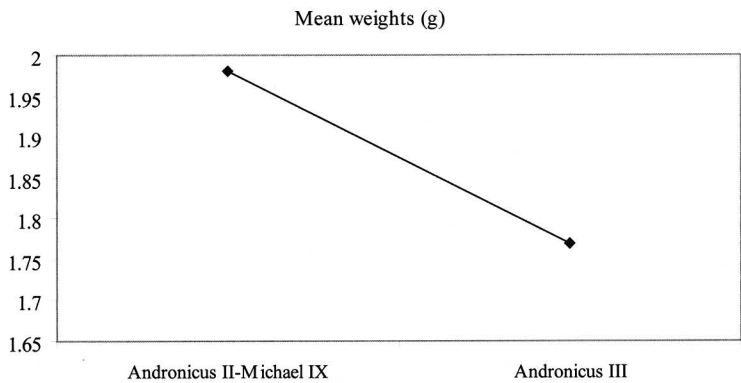
<sup>85</sup> Grierson 1999, p. 116.

<sup>86</sup> The average weight of the Constantinopolitan stamena of Andronicus II in the collection is c. 2.06 g, while the average of his Thessalonican trachea is c. 1.74 g.

<sup>87</sup> The average weight of the Constantinopolitan stamena is c. 2.32 g, while that of the Thessalonican stamena is c. 1.24 g.

<sup>88</sup> The average weight of the Constantinopolitan assaria is c. 2.14 g, while that of the Thessalonican assaria is c. 1.59 g.

GRAPH 12: Assaria



In the fourth monetary period (early 1370s-1453) the stamenon and assarion were replaced by the tornese and follaro. The weights of the tornesi of Manuel II in the Ashmolean collection vary significantly between c. 1.8 g and c. 2.5 g, averaging c. 2 g. The average weight of the follari under Manuel II is c. 0.73 g, a figure maintained in the reign of John VIII.

All in all, control of the weights was more important for gold, silver and electrum denominations than for billon and copper. For example, the relationship between the fractions of the stavrata was maintained despite the process of debasement.

### 5. Imperial authorities

For the period 1204-1261 the collection provides almost full coverage of imperial authorities. Starting with the Empire of Nicaea, it includes electrum and billon trachea struck in the mints of Nicaea and Magnesia by Theodore I;<sup>89</sup> hyperpyra, electrum and billon trachea and tetartera, all struck in Magnesia by John III; and hyperpyra, electrum and billon trachea and tetartera, all again struck in Magnesia by Theodore II. Moving on to the Empire of Thessalonica, the collection includes electrum and billon trachea, tetartera and half-tetartera of Theodore Comnenus-Ducas; electrum and billon trachea (in two modules) of Manuel Comnenus-Ducas; billon trachea in three modules of John Comnenus-Ducas; billon trachea of Demetrius Comnenus-Ducas; electrum and billon trachea of John III; and billon trachea of Theodore II.<sup>90</sup> Continuing with the Despotate of Epirus, present in the collection are electrum trachea of Manuel Comnenus-Ducas, billon trachea of Michael II Comnenus-Ducas, and billon trachea of John III-Michael II Comnenus-Ducas.<sup>91</sup> As to the coinage of other rulers in the collection, there is a wide range of billon trachea in three modules struck by the Latin authorities in the mints of Constantinople and Thessalonica, as well as a series of half-tetartera issued by the Latin Empire in the mint of Thessalonica. The collection also includes a single specimen of a billon trachy, from an uncertain mint, probably Ochrida, of Ivan II Asen.

<sup>89</sup> For a hyperpyron of Theodore I, see Ćorđanov 1989.

<sup>90</sup> For the Magnesian coinage of Michael VIII, see period 1261-1453.

<sup>91</sup> The collection does not include any coins of Michael I Comnenus-Ducas and Theodore Comnenus-Ducas.



TABLE 2: Imperial authorities and their denominations, 1204-1261

Imperial Authorities	Hyperpyron	Aspron trachy (el.)	Aspron trachy (bill.)	Tetarteron	1/2 tetarteron
EMPIRE OF NICAIA					
Theodore I		•	•		
John III		•	•	•	
Theodore II	•	•	•	•	
EMPIRE OF THESSALONICA					
Theodore C-D		•	•	•	•
Manuel C-D		•	•		
John C-D		•	•		
Demetrius C-D		•	•		
John III		•	•		
Theodore II		•	•		
DESPOTE OF EPIRUS					
Manuel C-D		•			
Michael II C-D			•		
John III-Michael II			•		
OTHER RULERS					
Latin Empire			•		•
Ivan II Asen			•		

TABLE 3: Imperial authorities and their denominations, 1261-1453

PALAEOLOGAN DYNASTY	Hyperpyron	AR trachy	Basilicon	Stavraton	1/2 stavraton	1/8 stavraton	Bill. tornese	Politikon	Stamenon	Tetarteron	Assarion	AE tornese	Follaro
Michael VIII	•	•							•				
Michael VIII-Andronicus II									•				
Andronicus II	•						•		•				
Andronicus II-Michael IX	•		•				•		•				
Andronicus II-Andronicus III	•								•				
Andronicus III	•							•					
John V/Phase I	•		•										
John V/Phase II	•		•										
John V/Phase IV.b			•										
John V/Phase IV.c													
John V/Phase IV.e													
John V/Phase V				•									
John V/Phase VI				•									
Manuel II				•									
John VII				•									
John VIII				•									
Constantine XI				•									

For the period 1261-1453 the collection gives an exceptionally good coverage of emperors of the Palaeologan Dynasty. It includes Constantinopolitan hyperpyra, Magnesian and Constantinopolitan silver trachea, and stamena issued in the mints of Constantinople, Thessalonica and Philadelphia by Michael VIII; Constantinopolitan and Thessalonican stamena of Michael VIII-Andronicus II; Constantinopolitan, as well as probably Thessalonican hyperpyra, billon tornesi, Constantinopolitan and Thessalonican stamena, and tetartera of Andronicus II; hyperpyra, basilica, billon tornesi, stamena and assaria of Andronicus II-Michael IX; hyperpyra and Constantinopolitan stamena of Andronicus II-Andronicus III; heavy and light basilica, billon politikon coins and Constantinopolitan and Thessalonican assaria of Andronicus III; hyperpyra of John V-Andronicus III-Anna, basilica of John V-Andronicus III, basilica and Thessalonican assaria of John V-Anna, hyperpyra, basilica and billon tornesi of John V-John VI, and stavrata, eighth-, and half-stavrata of John V; eighth-stavrata and copper tornesi of Andronicus IV; heavy and light stavrata, half-, and eighth-stavrata, copper tornesi and copper follari of Manuel II; half-, and eighth-stavrata and copper tornesi of John VII; stavrata, and half-stavrata of John VIII; and a stavraton of Constantine XI. Coins of John VI alone and of John V in association with Andronicus IV or with Manuel II are absent from the collection.

The issues of the period 1261-1453 (618 sp., c. 54.8 per cent) in the collection outnumber those of the period 1204-1261 (510 sp., c. 45.2 per cent). The majority of coins were struck by the Latin authorities (148 sp., 13.1 per cent), followed by the issues of Michael VIII (134 sp., c. 11.9 per cent), of John III (129 sp., 11.4 per cent) and of Manuel II (126 sp., c. 11.2 per cent). Next are the coins of Andronicus II-Michael IX (115 sp., c. 10.2 per cent), followed by the issues of the sole reigns of Andronicus II (78 sp., 6.8 per cent), of John Comnenus-Ducas (68 sp., 6.1 per cent) and of Theodore I (67 sp., 5.9 per cent). In contrast, the Ashmolean owns a single specimen of Constantine XI.<sup>92</sup> What emerges from the above is that the collection in Oxford is representative of the imperial authorities responsible for striking different series of denominations. The evidence shows that John III, Theodore II, Andronicus II and Manuel II issued virtually the whole range of denominations in their imperial lifetimes, encouraging a monetary pluralism together with homogeneity in circulation.

6. Types and varieties

Careful examination of the coins reveals that coin types gradually underwent many changes in the years between 1204 and 1453,<sup>93</sup> reflecting the mood, artistic fashion, taste, and symbolism of the period.<sup>94</sup> Most types are composed by the pairing of religious and secular designs, but there are cases where two imperial designs make a pair (one imperial figure on each side),<sup>95</sup> or where

<sup>92</sup> The single specimens of Manuel Comnenus-Ducas of the Despotate of Epirus, of Ivan II Asen and of John V-Andronicus III are not included in this consideration.

<sup>93</sup> Modern scholarship (Parani 2003, pp. 15, 21, 28, 34) has shown that in most cases imperial effigies on coins reproduced conventional types, ‘probably due to the conventionalism as a rule characterizing representations in this medium.’ Despite the abundance of ready-made themes, however, there are types, illustrated below, that bear novel elements.

<sup>94</sup> As correctly noted by Sutherland (1955, pp. 15, 124), ‘the art expressed in coinage is pre-eminently social art.’ For the role of imperial symbolism on Byzantine coins, see Galavaris 1958 and Protonotarios 1972b, pp. 37-43.

<sup>95</sup> Andronicus II-Michael IX: Constantinopolitan assarion VIII (792); John V/4c: Thessalonican assaria II (868), III (869).



the imperial type is non-existent.<sup>96</sup> For the period 1204-1261 the majority of the coins of the Latin Empire and of the successor states retain conventional designs. However, occasionally they exhibit novel designs inspired by Western prototypes, such as the adoption of the saints Peter and Paul embracing,<sup>97</sup> and of the fleur-de-lys.<sup>98</sup> For the period 1261-1453 the coin types exhibit both Western influences, as seen in the figure of Christ standing in a mandorla,<sup>99</sup> and a new wave of dynamism and creativity<sup>100</sup> that produced a number of interesting designs, such as the figure of the Virgin praying for the salvation of Constantinople inside the schematic towers of the ramparts, the tragic figure of the emperor alone ‘prophesying doom’<sup>101</sup> kneeling in *προσκύνηση* in front of Christ, and the martyrdom of St. Demetrius.

i. Religious types

The criteria for the selection of religious types were probably a matter of personal imperial preference,<sup>102</sup> emanating from dynastic mores,<sup>103</sup> acts of political expediency<sup>104</sup> or personal habits of worship.<sup>105</sup> Almost always, holy images alone or in pairs appear on the side of the coin opposite to the emperor, occupying usually the obverse, and rarely the reverse.<sup>106</sup> However, in the Ashmolean collection holy images do appear on both sides of coins in eight combinations (Table 4).

TABLE 4: Religious types on both sides

No.	Obverse	Reverse	Catalogue
1	Christ enthroned	Virgin Orans	72-3
2	St. Peter	Virgin Hagiosoritissa	74-7
3	Virgin Hagiosoritissa Orans	St. Peter and St. Paul	78-83
4	St. Nicholas	St. John the Baptist	84-8
5	Christ enthroned	St. Helena and St. Constantine	124-6
6	St. Helena	St. Constantine	129
7	Christ Emmanuel	Archangel Michael	436-9
8	Christ enthroned	Virgin enthroned	775-8

<sup>96</sup> Latin Imitative billon trachy U (84-8) and half-tetartera A (128), B (129); Anonymous Nicaean ruler: tetartera D-G (314-9); Demetrius Comnenus-Ducas: billon trachy (436-9); Andronicus II-Michael IX: anonymous religious basilica a/b (775/776-8); John V/4b: billon politika VII-XI (859-65).

<sup>97</sup> Latin Imitative billon trachy T (78-83).

<sup>98</sup> John III: billon trachea U (261-2), V (263-7); Theodore II: electrum trachea II (302), III (303), billon trachy B (306), tetarteron A (309-10); John Comnenus-Ducas: billon trachea I/B (368-71), III/B (378-80), III/H (393-4), III/X (430-2); John III/Thessalonica: billon trachy F (453-4).

<sup>99</sup> Grierson 1999, p. 75: This was the obverse type of the Venetian gold ducat introduced in 1284/5.

<sup>100</sup> Galavaris 1997, p. 129.

<sup>101</sup> Penna 2002, p. 137.

<sup>102</sup> Penna 2002, p. 134. In agreement with the same author (Penna 1998a, pp. 262, 274), the role of personal preference was not as strong on coins as on seals, for coins enjoyed a wider use and circulation than seals, and had to reflect specific dynastic choices.

<sup>103</sup> For example, the representation of military saints was indicative of the emperors’ endeavours to stress their military supremacy.

<sup>104</sup> See the saints Peter and Paul embracing on billon trachy T struck by the Latin rulers (78-83).

<sup>105</sup> For instance, the emperor’s desire to depict his name saint (the representation of name saints was common on lead seals as well. For example, the figure of St. Theodore Stratelates was depicted on a lead seal of Theodore I, see Penna 1998a, p. 265) or the patron saint of his city.

<sup>106</sup> Virgin Orans, St. Demetrius, St. Theodore on the reverse of: Anonymous Nicaean ruler: tetartera D (314-5), G (318-9); John Comnenus-Ducas: billon trachea III/H (393-4), III/T (420); John V/4e: Thessalonican assarion IV (888-9).

Why the imperial authorities responsible for striking such coins preferred the sacred to the secular on both sides remains uncertain.

The following examination commences with the descriptions of standard religious types, namely of designs portraying Christ and the Virgin,<sup>107</sup> and then of types presenting secondary holy personages.

a) Christ

Under the Latin Emperors and the rulers of the successor states prior to the re-establishment of Byzantine power in 1261, the typical obverse design of various denominations is the figure of Christ alone, always nimbate and accompanied by the abbreviation ΙΥ ΧΥ. Christ is often bearded, seated upon a throne (with or without a backrest) and either raising his right hand above the level of his right shoulder and blessing the spectator<sup>108</sup> or holding that hand in front of his chest and pointing to the Gospel which he holds in his left hand.<sup>109</sup> Or he is a frontal beardless youth (occasionally labeled as *ΕΜΜΑΝΘΗΑ*) with curly locks pushed behind his ears and a high forehead, holding a scroll in his left hand.<sup>110</sup> Rarely, the figure of Christ is depicted bearded, holding a scroll in the left hand and accompanied with the inscription *ΕΜΜΑΝΘΗΑ*,<sup>111</sup> or beardless and holding the Gospel in his left hand.<sup>112</sup> Also uncommon is the appearance on the obverse of some coins of the full-length figure of Christ bearded standing on a dais (souppediton), raising his right hand in benediction and holding the Gospel in his left.<sup>113</sup> On a billon trachy of John III this type is accompanied with the inscription *ΧΑΛΚΙΤΙC*.<sup>114</sup> Still more unusual are the following combinations: the representation of the bust of the bearded Christ holding the Gospel in his left hand,<sup>115</sup> or of the enthroned figure of the beardless Christ holding a scroll in his raised left hand.<sup>116</sup>

<sup>107</sup> For a very general account of Christ’s and Virgin’s representations mainly on Byzantine coins, see Hovard 1981.

<sup>108</sup> With back: Constantinopolitan large Latin Imitation B (26-31); small Latin Imitation B (32-3); Theodore I: electrum trachy B (132-6); Without back: Constantinopolitan large Latin Imitations F (44-5), R (72-3); Thessalonican large Latin Imitations A (107-13), C (124); small Latin Imitations D (114-7), F (125-6); Theodore I: billon trachy Second Coinage (161-85); John III: hyperpyron Second Coinage (202-8), billon trachy F (231-2); Theodore II: hyperpyra Var. I (298-9), Var. II (300), electrum trachy III (303); Theodore Comnenus-Ducas: electrum trachy A (320), billon trachy D (329-31); John III/Thessalonica: billon trachy M (466); Michael VIII: Magnesian silver trachy (480), Magnesian stamenon B (483-4).

<sup>109</sup> Stavrata and their fractions of Manuel II (903-1003), John VII (1029-49), John VIII (1051-92), Constantine XI (1095).

<sup>110</sup> With the inscription ΕΜΜΑΝΘΗΑ: Theodore I: electrum trachy D (188), billon trachy D (189-92); John III: electrum trachy D (210), billon trachea E (228-30), V (263-7), A<sup>2</sup> (Uncertain/Addenda) (276-7); Theodore Comnenus-Ducas: billon trachy A (324-6); Demetrius Comnenus-Ducas: billon trachy (436-9); Manuel Comnenus-Ducas (Arta): electrum trachy (469). Without the inscription ΕΜΜΑΝΘΗΑ: Constantinopolitan large Latin Imitations D (35-9), E (40-3), P (67-71); Theodore I: billon trachy F (193-4); John III: electrum trachea M (214-5), Q (217-8), billon trachea J (240), R (254-6), S (257-8), tetarteron E (293); Theodore Comnenus-Ducas: billon trachy G (335-7); Manuel Comnenus-Ducas: billon trachy E (359-60).

<sup>111</sup> Thessalonican large Latin Imitation B (118-23).

<sup>112</sup> John III: electrum trachy G (212); Ivan II Asen: billon trachy A (478).

<sup>113</sup> Constantinopolitan large Latin Imitation O (61-6); Thessalonican Latin Imitative half-tetarteron C (130-1); Theodore I: electrum trachy C (137); John III: electrum trachy J (213), billon trachy M (243-6); Theodore II: electrum trachy I (301), billon trachy A (304-5). Continued in the Palaeologan period: Michael VIII: Constantinopolitan stamenon XVIII (546-7).

<sup>114</sup> Type H (237-9). The representation of Christ Chalcites on lead seals of John III is very interesting. It has been suggested (Penna 1998a, p. 265) that this iconographic choice expressed John III’s hope for the restoration of the exiled Byzantine empire.

<sup>115</sup> John Comnenus-Ducas: billon trachy II/E (374-5); John III/Thessalonica: billon trachy G (455-6).

<sup>116</sup> Theodore Comnenus-Ducas: billon trachy B (327).



Some of the above representations continued in the Palaeologan period. The representation of the bearded figure of Christ seated upon a throne (with or without back) became the standard obverse type of the basilicon, and persisted until the reign of John V.<sup>117</sup> The appearance of Christ standing on a dais survived into the reign of Andronicus III,<sup>118</sup> that of the bearded bust of Christ holding in his left hand the Gospel through to the stamena of Michael VIII,<sup>119</sup> and that of the beardless bust of Christ holding in his left hand a scroll, but lacking the inscription *ΕΜΜΑΝΗΛ*, through to the stamena of Andronicus II.<sup>120</sup> However, after the introduction of the stavraton in the early 1370s what monopolizes the obverse of the stavraton and its fractions is the bust of the bearded Christ with his right hand in the sling of his cloak, and holding in his left the Gospel. Moreover, the Palaeologan period saw a novelty in the Byzantine presentation of Christ, who is ecstatically enveloped by an almond-shaped mandorla (a type of nimbus extending around the body of Christ) on a rare basilicon of John V-John VI,<sup>121</sup> and on the copper follari of Manuel II<sup>122</sup> and John VIII.<sup>123</sup>

#### b) The Virgin

The Virgin is traditionally represented in a short-sleeved tunic and maphorion covering her head and falling to her ankles. On most examples the forehead and sleeves are decorated with four dots taking the shape of a cross (✕),<sup>124</sup> and not with stars, which were more popular in the Late Byzantine period especially on icons, and were considered to be a decorative development of the cross.<sup>125</sup> Most images emphasize her role in Christ's incarnation, and show her holding her young child, who is usually shown before her chest, stressing his independence of his human mother. When the Virgin is represented alone, without her child, she plays the role of the intercessor with her risen son.<sup>126</sup>

Five different representations of the Virgin alone appear prior to 1261, involving a standing or seated figure, and more rarely a bust. The representation of the Virgin seated upon a throne (usually with a variously decorated back, and less frequently without a back) and holding to her breast the beardless and nimbate head of Christ<sup>127</sup> occurs on billon trachea struck by

the Latin rulers,<sup>128</sup> on a billon trachy of Theodore I,<sup>129</sup> on electrum and billon trachea of John III,<sup>130</sup> Theodore Comnenus-Ducas<sup>131</sup> and Manuel Comnenus-Ducas,<sup>132</sup> on billon trachea of John Comnenus-Ducas,<sup>133</sup> and on early hyperpyra and Magnesian silver trachea of Michael VIII.<sup>134</sup> On only a single type does the figure of the Virgin holding the beardless nimbate head of Christ appear standing.<sup>135</sup> Another type that appears on billon trachea of the Latin rulers in Constantinople,<sup>136</sup> of John III,<sup>137</sup> and of John Comnenus-Ducas<sup>138</sup> is that of the Virgin Orans. Less frequent is the type of the Virgin Hagiosoritissa,<sup>139</sup> showing the full-length figure of the Virgin Orans turned right (viewer's side) or just facing but accompanied with the inscription *Η ΑΓΙΟΚΩΡΗΘΗΚΑ*,<sup>140</sup> which appears on a billon trachy of the Latin Empire<sup>141</sup> and on an electrum trachy of Theodore Comnenus-Ducas.<sup>142</sup> The bust of the Virgin occurs on the obverse of only three coins, on a half-tetarteron struck by the Latin Empire,<sup>143</sup> and on two Thessalonican billon trachea of Manuel Comnenus-Ducas and John III.<sup>144</sup>

The reign of Michael VIII set the pattern for the obverse type of the hyperpyron in the Palaeologan period; it displayed the Virgin in a novel design which became the norm for the obverse of the hyperpyron until the abandonment of the gold coinage in the middle of the fourteenth century. The new type, commemorating the recapture of Constantinople from the Franks in 1261, was that of the Virgin Orans within the walls of Constantinople symbolized by six towers.<sup>145</sup> In the reign of Andronicus II, the same type was retained, not only for hyperpyra,<sup>146</sup> but also for stamena.<sup>147</sup> In the same reign, probably around 1303,<sup>148</sup> there was a change within the type with the transition from six to four towers surrounding the figure of the Virgin.<sup>149</sup> This moderated type occurs last on hyperpyra of John V-John VI (848-9). Furthermore, the Constantinopolitan reign of Michael VIII produced on silver trachea and stamena the type of

<sup>117</sup> With back: Andronicus II-Michael IX: Anonymous Religious basilica a/b (775/776-8), Thessalonican basilicon II (809); Andronicus III: basilica II-a/b (822-3/824), IV (826-7); Without back: Michael VIII: Constantinopolitan stamenon XXII (554-6); Andronicus II-Michael IX: basilica IV (760), VII (762-6), VIII (767-73); John V-John VI: basilicon VI (851).

<sup>118</sup> Basilicon (light series), II (825).

<sup>119</sup> Michael VIII: Constantinopolitan stamena III (514-5), XIV (537-8).

<sup>120</sup> Andronicus II: Constantinopolitan stamenon IV (646). The beardless bust of Christ covers the obverse of Andronicus II-Michael IX's assaria II (788), X (794).

<sup>121</sup> Class II (850). On this basilicon the mandorla is broken by a geometrical figure that is considered to represent the summit of a mountain, and is thus linked with the scene of the Transfiguration.

<sup>122</sup> Class I (1018-27).

<sup>123</sup> (1093-4).

<sup>124</sup> According to Galavaris (1966-67, p. 365), the appearance of the crosses on the forehead and shoulders could derive from the Christian practice of touching the forehead and shoulders while crossing themselves, declaring their faith in the Trinity.

<sup>125</sup> Galavaris 1966-67, p. 366.

<sup>126</sup> For a full account of the Virgin's representations on Byzantine coins and leads seals, see Penna 2000b, particularly pp. 211-2.

<sup>127</sup> When this type occurs on billon trachea, the detail of the beardless, nimbate head of Christ on the Virgin's chest is rarely visible, due to bad striking or wear.

<sup>128</sup> Large Constantinopolitan A (1-11), C (34), G (46-8), H (49-51); small A (12-25).

<sup>129</sup> First Coinage (138-60).

<sup>130</sup> Electrum: B (209), E (211), N (216), Thessalonican B (440-1); billon: G (233-6), W (270), Thessalonican F (453-4).

<sup>131</sup> Electrum: C (323); billon: C (328).

<sup>132</sup> Electrum: B (344); billon: B (345).

<sup>133</sup> III: C (381-3), O (411-3).

<sup>134</sup> Hyperpyra II-b/c (485/486-7); silver trachy II (479).

<sup>135</sup> John III: billon trachy C (224-5).

<sup>136</sup> Type N (56-60).

<sup>137</sup> Thessalonican H (457-9).

<sup>138</sup> Billon trachy III/U (421-3).

<sup>139</sup> For the type of the Virgin Hagiosoritissa on Byzantine coins, see also Bertelè (1958), who listed the Latin Imitative billon trachea S and T as anonymous Comnenian issues (figs. 3-4).

<sup>140</sup> In this case (Virgin Orans facing accompanied by the epithet *Η ΑΓΙΟΚΩΡΗΘΗΚΑ*), the image and the epithet can be considered independent, since the latter is not strictly descriptive of the former. See also Penna 2000b, p. 212.

<sup>141</sup> Constantinopolitan large T (78-83).

<sup>142</sup> Type B (321-2).

<sup>143</sup> Type A (128).

<sup>144</sup> C (352-5) and A (442-4) respectively.

<sup>145</sup> Michael VIII: hyperpyron III-a/b (488-93/494-504).

<sup>146</sup> Andronicus II: I-a/b (624-34/635-6); Andronicus II-Michael IX: II-a (740-53), TE (702-39).

<sup>147</sup> Constantinopolitan V (647).

<sup>148</sup> Grierson 1999, p. 134.

<sup>149</sup> Andronicus II-Michael IX: II-b (754-8); Andronicus II-Andronicus III: III (817-8).

the figure of the Virgin seated on an elaborately decorated throne.<sup>150</sup> This design became more varied in the joint reign of Andronicus II-Michael IX,<sup>151</sup> because on the basilica the Virgin, now relegated to the reverse, is represented in the type of the *Οδηγήτρια* lifting the Child on her left arm, and gesturing towards him with her right hand. Christ sits erect and comfortable in her arms, holding a scroll in his left hand and blessing with his right.<sup>152</sup> Finally, the copper coinage of the reigns of Michael VIII,<sup>153</sup> Michael VIII-Andronicus II,<sup>154</sup> Andronicus II,<sup>155</sup> Andronicus II-Michael IX<sup>156</sup> and of Andronicus II-Andronicus III<sup>157</sup> maintains throughout the Virgin Orans type in full-length, or three-quarter-length, or half-length form. Under Michael VIII a coin type (cast), which has in the past been attributed to the city of Cherson,<sup>158</sup> represents the Virgin Orans with a cross on her chest (611-2), while under Andronicus II-Michael IX on the obverse of a stamenon the Virgin Orans appears with the bust of Christ *ΕΜΜΑΝΘΗΑ* in a medallion before her chest, as in the type of the *Βλαχερνίτισσα/Βλαχερνιώτισσα*.<sup>159</sup>

### c) Saints

On the coins, the images of the saints, who embody the Christian virtues, almost rival those of the emperors. In the Ashmolean collection, the repertory of secondary holy personages on Byzantine coins of the period 1204-1261 consists of the saints Constantine, Demetrius, George, Helena, Michael, Nicholas, Paul, Peter, Theodore and Tryphon, and also of the cherubim. For the period 1261-1453 the list lacks St. Paul and St. Peter, but is enriched with St. Andronicus, and with the seraphim. The identification of the saints on the coins relies more on the accompanying inscriptions than on their general appearance, clothing and insignia, and when inscriptions are lacking or are illegible, the identification is uncertain. This is especially true in the cases of the saints Demetrius and George, who are both represented beardless wearing tunic, breastplate and sagion, and holding in the right hand a sword or a spear resting over their shoulder, and in the left a shield.<sup>160</sup> Generally speaking, saints can be classified into the following groups:

- |    |                     |  |
|----|---------------------|--|
| 1  | Beardless:          | Andronicus, Demetrius, George, Michael, Tryphon                |
| 2  | Bearded:            | Constantine, John the Baptist, Nicholas, Paul, Peter, Theodore |
| 3  | Curly haired:       | Andronicus, Demetrius, George, Tryphon                         |
| 4a | Martyrs - civilian: | Andronicus, Tryphon  |
| 4b | Martyrs - military: | Demetrius  |
| 5  | Military:           | Demetrius, George, Theodore                                    |
| 6  | Name saints:        | Andronicus, Michael, Theodore                                  |
| 7  | Winged:             | Cherubim, Seraphim, Michael                                    |

<sup>150</sup> Silver trachy IV (505); Constantinopolitan stamena II (510-3), IV (518-9), XIII (535-6), XIX (548), XXIII (557-9).

<sup>151</sup> Basilica VI (761), Anonymous Religious-a (775).

<sup>152</sup> Anonymous Religious-b (776-8).

<sup>153</sup> Constantinopolitan stamena V (520-1), XV (539-40), XVI (541-2); Thessalonican stamenon I (579).

<sup>154</sup> Constantinopolitan stamenon III (618-20).

<sup>155</sup> Constantinopolitan stamenon XVII (655); Constantinopolitan tetartera I-a/b/d (662-3/664/665-6).

<sup>156</sup> Constantinopolitan stamena VIII (782), IX (783); Constantinopolitan assarion XI (795-7).

<sup>157</sup> Constantinopolitan stamenon XX (819-21).

<sup>158</sup> Ratto 1930, pl. 55, no. 2222.

<sup>159</sup> Constantinopolitan VII (781).

<sup>160</sup> ODB, p. 606: In monumental painting the images of St. Demetrius and St. George differ in the hairstyle: that of Demetrius is less full and rarely covers the ears. Of course this detail is very difficult to depict on the small surface of the coins.

### ANDRONICUS

The half-length figure of Andronicus II's name saint is represented in the collection only once, on the obverse of Andronicus II-Michael IX's assarion,<sup>161</sup> in the traditional type for a martyr holding with his right hand a cross in front of his chest.

### CHERUBIM

The mid-thirteenth century provided a new coin type, the representation of the Cherubim, whose function, among others, was to receive the gift of light and to see and comprehend God.<sup>162</sup> They take the form of composite creatures with four wings (each pair crossed), and with a human face in the centre. They figure on the obverses of a tetarteron of John III<sup>163</sup> and of a billon trachy of John Comnenus-Ducas.<sup>164</sup> On a Constantinopolitan stamenon of Michael VIII they appear armed with a spear.<sup>165</sup>

### CONSTANTINE (see HELENA)

### DEMETRIUS

The coin representation of St. Demetrius, a soldier martyred under Maximian in Thessalonica and ever since the patron saint of the city, exceeds the depiction of all other saints, mainly on Thessalonican but also on Constantinopolitan products.<sup>166</sup> As a martyr holding a small cross before him the saint appears on the obverse of Thessalonican stamena of Michael VIII<sup>167</sup> and Andronicus II.<sup>168</sup> The standard type of St. Demetrius, that of the beardless and nimbate full- or half-length figure wearing tunic, breastplate and sagion, and holding in his right hand a spear resting over his shoulder and in his left a shield, features repeatedly on the obverse of a half-tetarteron of Theodore,<sup>169</sup> and of billon trachea of Manuel Comnenus-Ducas<sup>170</sup> and of John III.<sup>171</sup> The Palaeologan emperors Michael VIII,<sup>172</sup> Andronicus II,<sup>173</sup> Andronicus III<sup>174</sup> and John V<sup>175</sup> all maintained this same obverse type on their copper currency. Under Manuel II the type is slightly different, since on a copper tornese the saint holds with his right hand the spear transversely

<sup>161</sup> Class XII (798).

<sup>162</sup> ODB, p. 419.

<sup>163</sup> Type B (283).

<sup>164</sup> Type III/L, Var. A (401-5).

<sup>165</sup> Class XVII (543-5).

<sup>166</sup> For a discussion regarding the inclusion of issues with the representation of St. Demetrius in the output of the Constantinopolitan mint, see Penna 2000a, pp. 195-210.

<sup>167</sup> XIII (592-3), XIV (594).

<sup>168</sup> Class XXXVIII (693).

<sup>169</sup> Type C (341-3).

<sup>170</sup> Type A (346-50).

<sup>171</sup> Magnesian K (241-2); Thessalonican J (460-1).

<sup>172</sup> Constantinopolitan stamena VI (522-3), VII (524); Thessalonican XI (590), XVII (597).

<sup>173</sup> Thessalonican stamena II (667-9), VII (672), XXVII (678), XXXIV (687-8), XLIV (spear in left hand resting over left shoulder) (699-701).

<sup>174</sup> Thessalonican assaria II (834), VI (837-8).

<sup>175</sup> Thessalonican stamena I (887), III (892-3). It is worthy of note that lead seals of the family members of Alexius I Comnenus (1081-1118) represented the figure of St. George, which resembled very much the image of St. Demetrius on John V's Class III (see Penna 1998a, p. 271, figs. 20-1).



across his chest.<sup>176</sup> Moreover, on a billon trachy of Michael II, ruler of the Despotate of Epirus,<sup>177</sup> on Thessalonican stamena of Michael VIII,<sup>178</sup> of Michael VIII-Andronicus II<sup>179</sup> and of Andronicus II,<sup>180</sup> and on Thessalonican assaria of Andronicus III,<sup>181</sup> St. Demetrius is represented holding in his right hand a sword or the hilt of a sword instead of a spear. On billon trachea of Theodore<sup>182</sup> and John Comnenus-Ducas,<sup>183</sup> on Thessalonican billon trachea of John III,<sup>184</sup> on Thessalonican stamena of Michael VIII,<sup>185</sup> and on Thessalonican assaria of Andronicus III,<sup>186</sup> the saint is shown seated on a throne with a sheath or sword horizontally across his knees.<sup>187</sup> Of particular interest is the image of the soldier-saint on horseback, galloping to the right on the obverse of Thessalonican assaria of Andronicus III.<sup>188</sup> This type of the equestrian saint was soon introduced into the mint of Constantinople,<sup>189</sup> as seen on copper tornesi of Manuel II.<sup>190</sup> The reign of John V also produced two very interesting designs. One is the obverse type of a unique basilicon from the joint reign of John V-John VI (853) originally acquired and published by Bendall.<sup>191</sup> Although it represents a conventional design, that of the full-length figure of the saint in his military persona holding a spear in his right hand and a shield in his left, it is unusual due to its fragile lines and very crude, primitive and flat style.<sup>192</sup> The second new design, for the reverse of a Thessalonican assarion,<sup>193</sup> presents for the first time in the history of Byzantine numismatics a realistic narrative scene showing the martyrdom of St. Demetrius.<sup>194</sup> Three soldiers on the left thrust spears into the seated figure of the saint, who throws up his hands as he falls forward.<sup>195</sup>

<sup>176</sup> Class III (1009).

<sup>177</sup> (471-3).

<sup>178</sup> Class IV (584-5).

<sup>179</sup> Class II (622-3).

<sup>180</sup> III (670), IV (671), XLIII (697-8).

<sup>181</sup> Class V (836).

<sup>182</sup> Type F (332-4).

<sup>183</sup> III/A (376-7), III/H (reverse) (393-4).

<sup>184</sup> Type D (448-9).

<sup>185</sup> II (580-1), III (582-3), XV (595).

<sup>186</sup> Class VII (839).

<sup>187</sup> Penna 2000a, p. 207: The type is probably inspired by the cult icon of St. Demetrius, which was inside the ciborium in the basilica of Thessalonica, as recorded by Bishop Staurakios.

<sup>188</sup> Class XIV (842).

<sup>189</sup> Penna 2000a, p. 204: According to the stories about the saint's miracles, the creation of this iconographical type goes back to the pre-iconoclastic period.

<sup>190</sup> Class IV (1012-7).

<sup>191</sup> Bendall 1997a, pp. 154-5.

<sup>192</sup> It is suggested by Bendall (1997a, p. 155) that due to its style the coin was an issue of a provincial mint in Thrace.

<sup>193</sup> John V/4e: IV (888-9). For this coin, it has been generally agreed between scholars to treat the religious side as the reverse.

<sup>194</sup> According to Motsianos – Polychronaki (2000, pp. 227-8), the coin was indeed struck in the mint of Thessalonica, but in the period 1369-1387, when Manuel II, later the emperor of Constantinople, was despot in Thessalonica.

<sup>195</sup> For the first time the surface of a coin, even of a small denomination, here accommodates a narrative scene which was depicted on icons, frescoes, minor art, and manuscripts from the tenth to the sixteenth century (see Motsianos – Polychronaki 2000, pp. 214-20).

## GEORGE

The standard obverse type of St. George, presenting his full- or three-quarter- or half-length figure in short military tunic, breastplate and sagion, holding in his right hand a spear resting over his shoulder and in his left a shield resting on the ground is widely depicted throughout Late Byzantine coinage. It occurs on Magnesians<sup>196</sup> and Thessalonican billon trachea,<sup>197</sup> on Magnesians tetartera of John III,<sup>198</sup> on copper coins of Michael VIII<sup>199</sup> and of Andronicus II,<sup>200</sup> and on a stamenon of John V.<sup>201</sup>

## HELENA

In the collection, St. Helena alone figures only on a Thessalonican half-tetarteron of the Latin Empire.<sup>202</sup> The saint appears on the obverse in full-length, and turned slightly to the right, holding in her left hand the patriarchal cross with a flourish on the shaft. The reverse type of the same coin presents the other half of St. Helena, St. Constantine, turned slightly to the left, holding in his right hand the patriarchal cross and in his left an anexikakia. Together with St. Constantine, Helena also occupies the reverse of Thessalonican billon trachy C (124) and of small module F (125-6) of the Latin Empire. They both appear in full-length holding between them the patriarchal cross on a long shaft and step. St. Helena holds in her right hand a jewelled sceptre, and St. Constantine in his left a sceptre cruciger. After this representation, there is a long gap until the figures of St. Helena and St. Constantine appear again, this time on the obverse of a copper tornese of Manuel II.<sup>203</sup> They are both shown standing holding between them a long Slavic cross (a long cross with a lower diagonal crossbar).

## JOHN THE BAPTIST

Prior to 1261 the standing figure of the visionary St. John the Baptist, long-bearded and wearing tunic and cloak, appears on the reverse of Constantinopolitan billon trachy U of the Latin Empire (84-8).<sup>204</sup> In the right hand he holds the patriarchal cross on a long shaft, while he holds his left hand outstretched. The collection does not contain any Palaeologan coins representing his image, although two types are known. This rarity in the period 1261-1453 can be explained as St. John was considered to be the Crusaders' saint.

## MICHAEL

On coins in the collection, St. Michael appears either as the archangel par excellence, or as a warrior. As an archangel he is winged, wearing divitision and loros, and holding typically in his right hand a jewelled sceptre, usually trifurcate, or a spear, and rarely the patriarchal cross or labarum on a shaft, and in his left a globus, occasionally cruciger. He appears on billon trachea of Demetrius Comnenus-Ducas<sup>205</sup> and of Michael II, ruler of the Despotate of

<sup>196</sup> John III: O (249-51), T (259-60).

<sup>197</sup> John III: I (1126).

<sup>198</sup> Type C (284-90).

<sup>199</sup> Constantinopolitan VIII (525-6), XXIV (560-1); Thessalonican XII (591).

<sup>200</sup> Constantinopolitan XIV (651-2), XXI (656).

<sup>201</sup> (867).

<sup>202</sup> Type B (129).

<sup>203</sup> Class II (1007-8).

<sup>204</sup> See also Ćordanov 1979.

<sup>205</sup> Reverse (436-9).

Epirus;<sup>206</sup> on stamena of Michael VIII;<sup>207</sup> on a stamenon of Andronicus II;<sup>208</sup> and on stamena and assaria of Andronicus II-Michael IX.<sup>209</sup> As a warrior, he is still represented winged, but is normally wearing a short military tunic, breastplate and sagion, and is holding against his right shoulder a sword or a spear and in his left hand a shield or sheath.<sup>210</sup> He figures on billon trachea of John III,<sup>211</sup> Manuel Comnenus-Ducas<sup>212</sup> and John Comnenus-Ducas;<sup>213</sup> on Constantinopolitan stamena of Michael VIII;<sup>214</sup> on a stamenon of Andronicus II-Michael IX;<sup>215</sup> and on an assarion of Andronicus III.<sup>216</sup>

## NICHOLAS

St. Nicholas, the patron saint of seamen and children, appears always in episcopal vestments (phelonion and omophorion) with a balding head and a trim, round beard. The half-length figure of St. Nicholas Orans is represented in the Ashmolean collection on a Constantinopolitan billon trachy of the Latin Empire.<sup>217</sup> The figure of St. Nicholas is later introduced on Constantinopolitan stamena of Michael VIII,<sup>218</sup> Michael VIII-Andronicus II<sup>219</sup> and Andronicus II-Michael IX<sup>220</sup> in the stereotyped design of raising his right hand in benediction in front of his body and holding the Gospel in his left.

## PETER

The full-length figure of St. Peter, the *κορυφαίος* of the Apostles, appears on an obverse only once, on Constantinopolitan billon trachy S of the Latin Empire.<sup>221</sup> He is holding in his right hand a sceptre cruciger and in his left two keys. In one unusual case, Constantinopolitan billon trachy T of the Latin Empire bears on the obverse the figure of the Virgin Hagiosoritissa, while the reverse is devoted to the full-length figures of St. Peter with a short beard and St. Paul with a long beard embracing each other.<sup>222</sup>

## SERAPHIM

The Seraphim, with four or six wings<sup>223</sup> (either two upper and two lower or two upper and four lower) and a tiny human face appear only on Palaeologan coins. They feature unarmed,

unlike the cherubim, and appear on a silver trachy and a stamenon of Michael VIII<sup>224</sup> and of Andronicus II,<sup>225</sup> and on an assarion of Andronicus II-Michael IX.<sup>226</sup> Occasionally Bs or pellets are added as part of the design.

## THEODORE

The Ashmolean collection includes billon trachea of the Empires of Nicaea and Thessalonica presenting two obverse types with St. Theodore. On the former the saint appears holding in his right hand a spear over his right shoulder and in his left a shield.<sup>227</sup> On the latter he is holding a sword instead of a spear;<sup>228</sup> this type is retained on the obverse of a Constantinopolitan stamenon of Andronicus II.<sup>229</sup> Additionally, the collection accommodates a stamenon of Michael VIII with the obverse design of the saint holding in his right hand a spear resting over his left shoulder and in his left a shield.<sup>230</sup> On this basis, and following the distinction according to which St. Theodore Tyron (the Recruit) is represented with a spear held transversely across his left shoulder, while St. Theodore Stratelates (the General) has a sword resting against his right shoulder,<sup>231</sup> I am inclined to identify St. Theodore Stratelates on the latter type of the billon trachea of the Empires of Nicaea and Thessalonica, St. Theodore Tyron on the stamenon of Michael VIII, and to call attention to the existence of a third type that presents the saint holding the spear straight over his right shoulder, and not transversely over his left.<sup>232</sup>

## TRYPHON

St. Tryphon was the patron saint of Nicaea. His symbol was a lily believed to burst annually into blossom near the saint's relics.<sup>233</sup> That is why the figure of St. Tryphon together with his lily appears on coins of the Nicaean period. The saint is shown twice on electrum and billon trachea of Theodore II<sup>234</sup> and once on a Magnesian stamenon of Michael VIII.<sup>235</sup> He is represented on the obverse bareheaded in tunic and kolobion and holding a cross before him, while the lily is placed on the left and right of the saint in the field. The same type appears in the Palaeologan period, on a Constantinopolitan stamenon of Andronicus II.<sup>236</sup>

<sup>206</sup> Type B (470).

<sup>207</sup> Constantinopolitan IX (527-8), X (529-30), XX (549-51).

<sup>208</sup> Constantinopolitan (1282-1294) VIII (648).

<sup>209</sup> Constantinopolitan stamenon XI (784); assarion IX (793).

<sup>210</sup> On Constantinopolitan large Latin Imitations J (52-5), Michael, although in military tunic, is holding a jewelled sceptre in his right hand and a globus cruciger in his left.

<sup>211</sup> Magnesian A (219-23).

<sup>212</sup> D (356-8), G (364-7).

<sup>213</sup> III/K, Var. A (398-400).

<sup>214</sup> XXV (562-3), XXVI (564-5); Thessalonican V (586-7).

<sup>215</sup> Constantinopolitan XIV (787).

<sup>216</sup> Thessalonican I (833).

<sup>217</sup> Type U (84-8).

<sup>218</sup> Class XXVII (566).

<sup>219</sup> Class I (613-7).

<sup>220</sup> Class XII (785-6).

<sup>221</sup> (74-7).

<sup>222</sup> Type T (78-83).

<sup>223</sup> Grierson 1999, p. 80: With two wings they covered their faces, with two their feet, and with two they flew.

<sup>224</sup> X (507) and XXIX (569-71) respectively.

<sup>225</sup> Class XXV (657-9).

<sup>226</sup> Class III (789).

<sup>227</sup> Theodore I: G (195-6); Theodore II: C (307-8); John Comnenus-Ducas: I/B (368-71), III/B (378-80).

<sup>228</sup> John III: P (252-3); John Comnenus-Ducas III/D, Var. A (384-6).

<sup>229</sup> Class XI (649-50).

<sup>230</sup> Constantinopolitan XI (531).

<sup>231</sup> Grierson 1999, p. 81. The distinction between the two saints with the name Theodore is first attested around the end of the ninth century (see Parani 2003, p. 149, n. 242).

<sup>232</sup> ODB, pp. 2047, 2049: In monumental art the two saints are distinguished by their beards (Theodore Stratelates: forked (two-part), Theodore Tyron: pointed). This criterion is difficult to apply here, due to the generally clumsy craftsmanship of the relevant coins, and their small scale (385). However, on specimens 252-3 depicting St. Theodore Stratelates the forked beard can be clearly seen.

<sup>233</sup> Grierson 1999, p. 81.

<sup>234</sup> II (302) and B (306) respectively.

<sup>235</sup> Type A (481-2).

<sup>236</sup> Class III (644-5).



## ii. Imperial types

The traditional Byzantine imperial image represents the emperor as both a political and religious figure, a supreme archon with a religious mission.

Imperial representations of the period 1204-early 1370s are characterized by rich variety. The emperor appears either alone, or in conjunction with another figure exercising imperial power, or accompanied by Christ, the Virgin or a saint, indicating that he shared with them proximity to God. The emperor may be depicted bearded or beardless,<sup>237</sup> and can be holding one or two items of regalia.

In contrast, from the early 1370s (with the introduction of the stavraton) until the end of the Byzantine Empire, the dominant imperial type is a facing bust revived from the eleventh century. The portraiture is non-realistic and monotonous. Additionally, the diadem and pendilia of the emperor are replaced by a domed crown. However, bridging the two above periods there are a few coins representing the emperor either standing or on horseback.

### a) Emperor alone

When alone, the emperor is represented either standing, or seated, or winged, or on horseback.

The emperor standing is one of the standard types to appear on the Constantinopolitan billon trachea<sup>238</sup> and on the Thessalonican billon trachea<sup>239</sup> and half-tetartera<sup>240</sup> of the Latin Empire; on electrum<sup>241</sup> and billon trachea<sup>242</sup> and tetartera<sup>243</sup> of the Empire of Nicaea; on billon trachea<sup>244</sup> and half-tetartera<sup>245</sup> of the Empire of Thessalonica; on silver trachea,<sup>246</sup> on Constantinopolitan,<sup>247</sup> Thessalonican<sup>248</sup> and Philadelphian<sup>249</sup> stamena; and on tetartera,<sup>250</sup> assaria,<sup>251</sup> politika<sup>252</sup> and follari<sup>253</sup> of the Palaeologan Dynasty. In most types the emperor is represented holding in his right hand a labarum on a long shaft or a labarum-headed sceptre or a sceptre cruciger and in his left an anexikakia or a globus cruciger. However, there are also types presenting the emperor in civil

or military costume holding a sword either in right<sup>254</sup> or left hand<sup>255</sup> or in both.<sup>256</sup> When standing on a dais,<sup>257</sup> the imperial figure is represented holding in his right hand a labarum on a long shaft or a labarum-headed sceptre and in his left a sword pointing downward.<sup>258</sup> In the material in Oxford, both Michael VIII and Andronicus II are represented standing alone in a series of types of their Constantinopolitan<sup>259</sup> and Thessalonican stamena.<sup>260</sup> However, it is significant that the type of the emperor standing under a portico or an arch,<sup>261</sup> as well as the type with the emperor holding in his hand/s a haloed cross,<sup>262</sup> appear only on Thessalonican products.

The type of a seated emperor on a throne with or without a back appears on billon trachea of the Latin Empire<sup>263</sup> and the Empire of Thessalonica,<sup>264</sup> on electrum<sup>265</sup> and billon trachea<sup>266</sup> and tetartera<sup>267</sup> of the Empire of Nicaea; on Constantinopolitan<sup>268</sup> and Thessalonican stamena of Michael VIII<sup>269</sup> and of Andronicus II,<sup>270</sup> and on a Thessalonican assarion of Andronicus III.<sup>271</sup> The emperor holds in his right hand a labarum-headed sceptre or a sceptre cruciger, and rarely a patriarchal cross or a globus surmounted by a patriarchal cross, and in his left an anexikakia, or a globus cruciger, and less often a sceptre. The seated figure of the emperor is always alone, except for a single instance, where Manuel Comnenus-Ducas and St. Demetrius are seated together on a backless throne holding between them the model of the walled city of Thessalonica.<sup>272</sup> Moreover, John III and Michael VIII, both in civil costume, are represented holding a sword, the former in his right hand holding the sheath horizontally across his knees<sup>273</sup> and the latter holding the sword itself across his knees.<sup>274</sup>

The type of a winged emperor ('empereur ailé'), originally spotted by Bertelè,<sup>275</sup> appears almost exclusively on coins produced in the mint of Thessalonica after 1204. In the Ashmolean, five specimens present the emperor with two symmetrical wings: three billon trachea of John

<sup>234</sup> Constantinopolitan large and small Latin Imitations B (26-33) and J (52-5); John III: Magnesian billon trachy W (268-72); John Comnenus-Ducas: billon trachy III/Q (417); Michael VIII: silver trachy X (507).

<sup>235</sup> John III: electrum trachy N (216), billon trachy H (237-9); tetarteron A (281-2).

<sup>236</sup> Michael VIII: Constantinopolitan stamenon XXIII (557-9).

<sup>237</sup> According to Parani (2003, p. 171), the representation of the emperor on a dais is purely iconographic, for it literally elevates the ruler's status.

<sup>238</sup> John III: Magnesian electrum trachy N (216), billon trachy H (237-9).

<sup>239</sup> Michael VIII: XXI-XXX (552-73); Andronicus II: XVI (653-4), XVII (655), XXI (656), XXV (657-9), XXVIII (660), and (661).

<sup>240</sup> Michael VIII: XIII-XVII (592-7), XX (598-600), XXII (601); Andronicus II: XI (673-4), XV (675), XVII (676), XXVI-XXX (677-82), XXXII-XXXV (683-91).

<sup>241</sup> John Comnenus-Ducas: billon trachy III/W (428-9); Andronicus II: Thessalonican stamenon XI (673-4).

<sup>242</sup> Andronicus II: Thessalonican stamena XXX (682), XXXII (683-5); John V/4e: Thessalonican stamenon I (887).

<sup>243</sup> Large Constantinopolitan Latin Imitations C (34), V (89-93).

<sup>244</sup> John Comnenus-Ducas: III/I (395-6); John III: B (445-7).

<sup>245</sup> John III: Q (217-8).

<sup>246</sup> John III: K (241-2), T (259-60).

<sup>247</sup> Anonymous ruler: A (311-2).

<sup>248</sup> XIV-XX (537-51).

<sup>249</sup> XI (590), XII (591), Uncertain (602).

<sup>250</sup> Constantinopolitan XIV (651-2); Thessalonican III (670).

<sup>251</sup> Class V (836).

<sup>252</sup> Manuel Comnenus-Ducas: billon trachy G (large and small) (364, 365-7).

<sup>253</sup> Billon trachy T (259-60).

<sup>254</sup> Constantinopolitan stamenon XVI (541-2).

<sup>255</sup> Bertelè 1951.

<sup>237</sup> John Comnenus-Ducas, Andronicus II, Michael IX.

<sup>238</sup> A (large and small) (1-11, 12-25), B (large and small) (26-31, 32-3), D (35-9), E (40-3), J (large and small) (52-4, 55), O (large and small) (61-5, 66), W (94-102).

<sup>239</sup> A (107-13) and small D (114-7), B (118-23).

<sup>240</sup> Type C (130-1).

<sup>241</sup> John III: G (212), M (214-5), N (216); Theodore II: II (302).

<sup>242</sup> Theodore I: Nicaean Second Coinage (161-85), Magnesians F (193-4), G (195-6); John III: F (231-2), G (233-6), H (237-9), J (240), O (249-51), P (252-3), R (254-6), S (257-8), U (261-2), W (268-72), Z (275); Theodore II: B (306), C (307-8).

<sup>243</sup> John III: A (281-2), B (283), C (284-90), D (291-2), E (293), F (294-5), G (296-7); Theodore II: A (309-10).

<sup>244</sup> Theodore Comnenus-Ducas: G (large and small) (335-6, 337); John Comnenus-Ducas: II/E (374-5), III/C (381-3), III/J (397), III/O (411-3), III/P (414-6), III/Q (417), III/R (418-9), III/W (428-9); John III: A (442-4), D (448-9), E (450-2), J (460-1), K (463), L (464-5), M (466).

<sup>245</sup> Theodore Comnenus-Ducas: C (341-3).

<sup>246</sup> Michael VIII: X (507).

<sup>247</sup> Michael VIII: XXI-XXX (552-73); Andronicus II: XVI (653-4), XVII (655), XXI (656), XXV (657-9), XXVIII (660), and (661).

<sup>248</sup> Michael VIII: XIII-XVII (592-7), XX (598-600), XXII (601); Andronicus II: VII (672), XI (673-4), XV (675), XVII (676), XXVI-XXX (677-82), XXXII-XXXV (683-91), XXXVII (692).

<sup>249</sup> Michael VIII: Var. a (607-8), Var. b (609-10).

<sup>250</sup> Andronicus II: I-a/b/d (662-3/664/665-6).

<sup>251</sup> Andronicus III: Constantinopolitan III (828-30), IV (831), Thessalonican VI (837-8), VII (839), X (840-1).

<sup>252</sup> John V/4b: XVI (866).

<sup>253</sup> Manuel II: I (1018-27); John VIII (1093-4).

Comnenus-Ducas,<sup>276</sup> a stamenon of Michael VIII,<sup>277</sup> and again a stamenon of Andronicus II.<sup>278</sup> The latter coin has an added interest, because it depicts the half-length figure of the winged emperor above city walls, holding in his right hand a sword resting over his shoulder and in his left an *anexikakia*. Recent research has maintained the view<sup>279</sup> that this type of the winged emperor was inspired by German iconographic themes of the twelfth and thirteenth centuries.<sup>280</sup> On this interpretation, the involvement of the mint of Thessalonica has been explained by Thessalonica's geographical location between south Germany, the regions of the Danube, and the Byzantine Empire.<sup>281</sup> At all events, this image also reflects the strong Byzantine tradition linking the emperor with the divine,<sup>282</sup> which resulted in the merging of the emperor and the angelic protector into one, an image emphasized by the wings.<sup>283</sup> The discovery in Didymoteicho of a fresco representing an enthroned winged emperor, John VI Cantacuzenus,<sup>284</sup> indicates the assimilation of this iconographic type into other forms of art, but, unfortunately, this does not reveal the design's origins.

The type of the emperor riding alone to the right appears on Thessalonican copper denominations of the fourteenth century, namely on an assarion of Andronicus III<sup>285</sup> and on a copper tornese of Manuel II.<sup>286</sup> The figure of the emperor holding in his right hand a sceptre is represented facing the viewer instead of being shown in profile, which was typical on Western coins and seals.<sup>287</sup> It has been suggested that the Byzantine design was modelled on the aspers of Alexius II of Trebizond (1297-1330).<sup>288</sup>

#### b) Emperor accompanied

There are a variety of iconographic types presenting the emperor in conjunction with one other figure, religious or secular. On some coins, the emperor is represented being crowned either by a primary or secondary holy personage, such as Christ,<sup>289</sup> the Virgin,<sup>290</sup> St. Constantine,<sup>291</sup> St.

Demetrius,<sup>292</sup> St. Michael,<sup>293</sup> or a bishop-saint (probably St. Nicholas),<sup>294</sup> or by another imperial figure, as in the case of Andronicus II being crowned by Michael VIII,<sup>295</sup> or of Michael IX being crowned by Andronicus II.<sup>296</sup> When being crowned, the emperor is represented holding in his right hand usually a sceptre cruciger, and occasionally a labarum or sword or *anexikakia*, and in his left an *anexikakia*, and sometimes a globus cruciger.

In other cases, the emperor is depicted holding jointly with a heavenly personage or a co-ruler a real (sceptre cruciger, globus cruciger, *anexikakia*, labarum, sword) or a notional (large lily, cross) object. Most often, pre-1261 emperors are represented together with the Virgin,<sup>297</sup> holding between them almost always a patriarchal cross on a long shaft, sometimes ending in a globe.<sup>298</sup> Additionally, there is a proliferation of holy figures accompanying the emperor. The repertory includes St. Constantine,<sup>299</sup> St. Demetrius,<sup>300</sup> St. George,<sup>301</sup> St. Michael,<sup>302</sup> St. Theodore<sup>303</sup> and St. Tryphon.<sup>304</sup> It is interesting that the figure of St. Demetrius, as also mentioned above, is present on both Thessalonican and Constantinopolitan issues, and that St. Tryphon is represented exclusively together with Nicaean emperors, such as John III and Theodore II, holding jointly a lily either at the head or at the base of a shaft. Noteworthy, also, is the rich variety of insignia

<sup>292</sup> Theodore Comnenus-Ducas: billon trachy B (327); John Comnenus-Ducas: billon trachea I/III: B (368-71/378-80).

<sup>293</sup> Michael VIII: Thessalonican stamenon III (582-3); Andronicus III: Thessalonican assarion II (834).

<sup>294</sup> John Comnenus-Ducas: billon trachy III/E (387-9).

<sup>295</sup> Thessalonican stamenon II (622-3).

<sup>296</sup> Thessalonican stamenon XIX (810).

<sup>297</sup> John III: hyperpyra First Coinage (197), and Transitional Coinage (A) (198-200), and billon trachy D (226-7); Theodore Comnenus-Ducas: billon trachy F (332-4); John Comnenus-Ducas: billon trachy III/A (376-7); Michael VIII: Thessalonican stamenon VII (588).

<sup>298</sup> On the billon trachea of John Comnenus-Ducas (376-7) the two figures are holding between them a cross-within-circle surmounting a triangular decoration on a long shaft.

<sup>299</sup> John III: Magnesian electrum trachy E (211), billon trachea E (228-30), M (243-6); Manuel Comnenus-Ducas: billon trachy D (356-8), where the emperor holds in his right hand a palm-frond (see also Bertelé 1972, pp. 170, 177, figs. 3-4); Michael VIII: Constantinopolitan stamenon VIII (525-6).

<sup>300</sup> Theodore Comnenus-Ducas: electrum trachea A (320), B (321-2), billon trachy A (324-6), and tetarteron Var. B (338-40); Manuel Comnenus-Ducas: billon trachea C (352-5), F (361-3); John Comnenus-Ducas: billon trachea II/B (372), III/D, Var. A (384-6), III/G (390-2), III/K, Var. A (398-400), III/L, Var. A/B (401-5/406), III/M (407), III/N (408-10), III/X (430-2); John III: Thessalonican electrum trachy B (440-1), and Thessalonican billon trachea F (453-4), G (455-6), H (457-9); Theodore II: Magnesian electrum trachy I (301), and Thessalonican billon trachy (467-8); Michael VIII: Constantinopolitan stamenon IX (527-8), Thessalonican stamena V (586-7), VIII (589); Andronicus II: Thessalonican stamena XL (694), XLI (695-6); Andronicus III: basilica heavy and light II (822-4/825), IV (826-7), Thessalonican assarion XVIII (843-4); John V/4b: politika II (854-6), IV (857), V (858); John V/5: copper tornese (891).

<sup>301</sup> Constantinopolitan large Latin Imitation N (56-60); Michael VIII: Constantinopolitan stamena V (520-1), X (529-30), XII (532-4).

<sup>302</sup> Theodore Comnenus-Ducas: billon trachy D (329-31); Manuel Comnenus-Ducas: electrum trachy B (344), and billon trachy B (345); Michael VIII: Magnesian silver trachy II (479), Constantinopolitan stamena III (514-5), IV (518-9), VII (524), Thessalonican stamenon IV (584-5); Andronicus II: Constantinopolitan stamenon XI (649-50).

<sup>303</sup> Small Latin Imitation G (127); Theodore I: Nicaean electrum trachea B (132-6), C (137), billon trachea First Coinage (138-60), C (186-7), Magnesian electrum and billon trachy D (188, 189-92); John III: Magnesian electrum trachea D (210), J (213), billon trachea N (247-8), A<sup>2</sup> (276-7); Theodore Comnenus-Ducas: billon trachy C (328); Michael VIII: Constantinopolitan stamenon XIII (535-6).

<sup>304</sup> John III: Magnesian billon trachy V (263-7); Theodore II: Magnesian electrum trachy III (303).

<sup>276</sup> Type III/U (421-3).

<sup>277</sup> Class XIV (594).

<sup>278</sup> Class IV (671).

<sup>279</sup> Morrisson 1995, p. 193.

<sup>280</sup> Grierson 1999, p. 68: Similar winged figures are present frequently on late twelfth- and thirteenth-century coins in some parts of Germany, namely in Silesia and Brandenburg in the north, and Swabia and Bavaria in the south.

<sup>281</sup> Morrisson 1995, p. 193.

<sup>282</sup> A view also shared by Penna (2002, p. 136) and Morrisson (1995, p. 194).

<sup>283</sup> Thus, either the emperor is depicted with wings, or the archangel with imperial raiment.

<sup>284</sup> Penna 2002, pp. 193-4.

<sup>285</sup> Class XIV (842).

<sup>286</sup> (1028).

<sup>287</sup> Grierson 1999, p. 69.

<sup>288</sup> Grierson 1999, p. 70.

<sup>289</sup> Constantinopolitan large Latin Imitation H (49-51); Theodore Comnenus-Ducas: electrum trachy C (323); Manuel Comnenus-Ducas: billon trachy A (346-50); John III: Magnesian electrum trachy B (emperor crowned by Christ Chalcites) (209), Magnesian billon trachea A (219-23), C (224-5); Michael II: Arta, billon trachy (471-3); Michael VIII: Constantinopolitan stamena III bis (516-7), XI (531), and Thessalonican stamenon II (580-1); Andronicus II: Constantinopolitan stamena V (647), VIII (648); Andronicus III: Thessalonican assarion I (833). For thirteenth-century issues depicting the emperor being crowned by Christ, see Touratsoglou – Protonotarios 1977.

<sup>290</sup> Constantinopolitan large Latin Imitation F (44-5); John III: hyperpyra Transitional Coinage (B) (201), Second Coinage (202-8); Theodore II: hyperpyra Var. I (298-9), Var. II (300), and billon trachy A (304-5); Michael II: Arta, billon trachy B (470); Michael VIII: Magnesian stamenon A (481-2), Constantinopolitan stamenon VI (522-3); Andronicus II: Thessalonican stamenon XXXVIII (693).

<sup>291</sup> Manuel Comnenus-Ducas: billon trachy E (359-60).



held between the figures, a variety ranging between shafts - sometimes ending in steps, a globe, a lily, or a kite-shaped shield, and surmounted by a labarum, lily, patriarchal cross, patriarchal cross-crosslet, a cross within a circle on triangular decoration, the letter B, or a star - castles and swords.

Another type, totally diffused by divine symbolism, presents Christ placing protectively his outstretched right hand above the head of the emperor, who, although shown in profile crouching in *προσκύνηση*, is turning his head to the spectator.<sup>305</sup> This type, common on Andronicus II's hyperpyra<sup>306</sup> and appearing also on a stamenon of the same ruler,<sup>307</sup> takes an added interest, because it is the only type showing an emperor in *προσκύνηση*. According to Spatharakis, this imperial act of humility and piety depicted on an important coin can be interpreted not only as an expression of obedience to the Holy, but also as a request for support and aid from Above in difficult times.<sup>308</sup> It is significant that the earlier hyperpyra of the same type depict Andronicus II with a nimbus around his head, as an indicator of the source of his power and of his religious mission interceding between earthly and heavenly personages. The custom of showing the emperor nimbate then ceased, but revived again in the third quarter of the fourteenth century, when it started appearing, for instance, on John V's assarion with the martyrdom of St. Demetrius,<sup>309</sup> on a copper tornese of Andronicus IV showing the emperor and St. Demetrius (both nimbate)<sup>310</sup> riding together, on a stamenon of John V showing a saint saluting the nimbate emperor<sup>311</sup> and on early stavrata<sup>312</sup> and half-stavrata<sup>313</sup> again of John V. The type showing the bust of the emperor nimbate became the norm on the reverse of the stavrata and their fractions of Manuel II,<sup>314</sup> John VII,<sup>315</sup> John VIII<sup>316</sup> and Constantine XI.<sup>317</sup>

When the emperor is shown with a co-emperor, an image usually intended to guarantee imperial succession, as in the case of Michael VIII-Andronicus II<sup>318</sup> and Andronicus II-Michael IX,<sup>319</sup> the senior personage is placed on the spectator's left. Correspondingly, when the figures hold an object between them, the hand of the senior figure is placed above that of the accompanying figure. However, there are instances when the senior figure is placed on the

spectator's right, intentionally giving the place of honour to the junior figure in a gesture of introducing the heir of the throne to the public.<sup>320</sup>

A feature of the Palaeologan coins is the representation of three figures on their surface. This practice occurs on the coinage of Michael VIII, Michael VIII-Andronicus II, Andronicus II, Andronicus II-Michael IX, Andronicus II-Andronicus III and John V-John VI. According to the same dictates of protocol as above, the higher-ranking figure is placed on the spectator's left. The thematic repertory of these coins revolves again around the religious mission of the emperor/s, and his/their divine support. Thus, St. Michael is presenting the kneeling emperor (Michael VIII) to Christ,<sup>321</sup> the Virgin is presenting the emperor crouching in *προσκύνηση* to Christ (Andronicus II),<sup>322</sup> Christ, in bust or full-length, is blessing two kneeling emperors (Michael VIII-Andronicus II,<sup>323</sup> Andronicus II-Michael IX,<sup>324</sup> Andronicus II-Andronicus III,<sup>325</sup> John V-John VI<sup>326</sup>), and St. Michael, in bust, is blessing two standing emperors (Michael VIII-Andronicus II).<sup>327</sup>

### c) Anna of Savoy

The only empress represented on Byzantine coins of the period 1204-1453 is Anna of Savoy<sup>328</sup> - wife of Andronicus III, and mother of John V - who spent the last fifteen years of her life in Thessalonica (1351-1365) acting autonomously as an empress entitled *Αυγούστα* and *Αυτοκρατορίσσα*.<sup>329</sup> Anna appears, together with John V, in the place of honour - on the left - on the obverse of a hyperpyron, whose reverse shows John V's deceased father, Andronicus III, kneeling before Christ,<sup>330</sup> as well as on the reverse of a basilicon showing on the obverse Christ on his throne.<sup>331</sup> Moreover, as is now clear from the Pella<sup>332</sup> and Serres hoards,<sup>333</sup> it is Anna being represented, alone, on the reverse of several Thessalonican assaria.<sup>334</sup> When depicted together with her son on the Constantinopolitan hyperpyra and basilica, she is holding in her right hand a trilobite sceptre, is lifting her left hand before her in prayer, and is accompanied with the inscription ANNA. When represented alone on the Thessalonican assaria, she is holding in her

<sup>305</sup> Spatharakis 1974, p. 191: In the Byzantine Empire, *προσκύνηση* gradually became an indispensable part of court ceremony. The basileus was almost always adored in this way.

<sup>306</sup> Constantinopolitan I-a (624-34), and I-b (635-6). Protonotarios in his article (1974a) explains the attribution of the *προσκύνηση* type to the first sole reign of Andronicus II (1282-1294).

<sup>307</sup> Constantinopolitan V (647).

<sup>308</sup> Spatharakis 1974, p. 203.

<sup>309</sup> John V/4e: Thessalonican assarion IV (888-9).

<sup>310</sup> John V/5 (891).

<sup>311</sup> John V/5: Thessalonican stamenon III (892-3).

<sup>312</sup> 894-900.

<sup>313</sup> Class I (901).

<sup>314</sup> Stavraton, I (heavy) (903-4), II (light) (905-16); half-stavraton (basileus) (917-68), (pistos) (969-87); eighth-stavraton, II (988-1003); but also on copper tornesi I (1004-6), II (1007-8), III (1009-11), IV (1012-7).

<sup>315</sup> Half-stavraton (1029-37).

<sup>316</sup> Stavraton (1051-65), half-stavraton (1066-80), eighth-stavraton (1092).

<sup>317</sup> Stavraton (1095).

<sup>318</sup> Constantinopolitan stamenon III (618-20).

<sup>319</sup> Constantinopolitan basilica IV (760), VI-IX (761-74); Constantinopolitan tornese IX (779); Constantinopolitan stamena V (780), VII-IX (781-83), XII (785-6); Constantinopolitan assaria II (788), III (789), V (790-1), X-XIII (794-800), XVI (801), XVIII (802), XXII (804-5), XXIII (806), XXV (807-8); Thessalonican stamena XXIII (812-3), XXV (815).

<sup>320</sup> Michael VIII-Andronicus II: Constantinopolitan stamenon I (613-7), Thessalonican stamena I (621), II (622-3); Andronicus II-Michael IX: hyperpyron TE/II-a (702-39), Thessalonican basilicon II (809), Thessalonican stamena XIX (810), XXII (811); Andronicus II-Andronicus III: Constantinopolitan stamenon XX (819-21); John V-John VI: hyperpyra (848-9).

<sup>321</sup> Magnesian-Constantinopolitan hyperpyra II-b (485), II-c (486-7); Constantinopolitan hyperpyra III-a (488-93), III-b (494-504), Thessalonican hyperpyra III-a (574-7), III-b (578), Philadelphian III-b (603-6); Constantinopolitan silver trachy IV (505), Constantinopolitan stamena I (508-9), II (510-3).

<sup>322</sup> Constantinopolitan stamenon III (644-5).

<sup>323</sup> Constantinopolitan stamenon I (613-7).

<sup>324</sup> Constantinopolitan hyperpyra TE II-a (702-39), II-a (740-53), II-b (754-8), basilicon I (759), assarion IX (793).

<sup>325</sup> Constantinopolitan hyperpyron III (817-8).

<sup>326</sup> John V/2: Constantinopolitan hyperpyron (848-9).

<sup>327</sup> Thessalonican stamenon I (621).

<sup>328</sup> For a list of coins of John V and Anna, see Vegler - Millas 1970, pp. 486-8, nos. 1, 6, 8.

<sup>329</sup> Protonotarios 1989, p. 70: Two written sources in the form of inscriptions referring to *Άννα Παλαιολογίνα* survive: the former dated to 1355 is engraved on the gate of the acropolis, and the latter is related to a donation of 1360 to the monastery of St. Anargyroi in Thessalonica.

<sup>330</sup> John V/1: Constantinopolitan hyperpyron Var. 2 (845).

<sup>331</sup> John V/1: Constantinopolitan basilicon IV-a (heavy series) (847).

<sup>332</sup> Bendall - Nicol 1977.

<sup>333</sup> Protonotarios 1989.

<sup>334</sup> John V/4c: Thessalonican assaria II (868), III (869).

right hand the model of the city of Thessalonica and in her left a sceptre, and she is accompanied with the letter A in rectangular form on each side of the field. On both the hyperpyron and the basilicon she appears wearing an open, wide and flat crown with pendilia. In contrast, on the Thessalonican assaria she is wearing an open but tall cylindrical shaped crown with sides that flare out and pinnacles along the upper rim.<sup>335</sup>

### iii. Other types

#### a) B or Bs

Byzantine types of the period 1204-1453 often exhibit either the single letter B or a group of two and sometimes of four Bs, which constitute primary or secondary elements of the design. As a main type, this theme prevails on a series of anonymous Magnesian tetartera. In the first version, the letter B is reversed, and decorated with pellets.<sup>336</sup> In the second version, two Bs are placed back to back - probably for aesthetic purposes - and are accompanied again with pellets.<sup>337</sup> As a subordinate element of the design,<sup>338</sup> the B or Bs are linked either: a) with a cross, being placed in its quarters facing the circumference,<sup>339</sup> or in its lower angles facing the centre,<sup>340</sup> or forming the top of its shaft (in this particular case the cross is inverted),<sup>341</sup> or b) with religious and secular personages, as in the case of St. Demetrius handing to the emperor the letter B on a long shaft,<sup>342</sup> or of Andronicus III being flanked by two Bs.<sup>343</sup> Earlier studies have debated the question of the meaning of these iconographical devices.<sup>344</sup> It is certainly the case that the use of the letter B was semantically significant, for it symbolized the Byzantine Empire and its authority - *βασιλεύς* - and was understood as such by the public.

#### b) Buildings

Late Byzantine coinage acquires special importance because it provides an interesting display of works of architecture engraved on the coins' surface. In the Ashmolean collection, architectural designs as main types include: a) a gabled central section surmounted with one or three towers,

and flanked by two square side-towers with a cross and pellets or asterisks above,<sup>345</sup> and b) a gate surmounted with a tower, with two square side-towers with pellets above.<sup>346</sup> Both types demonstrate the engravers' ambitious efforts to confine within the small surface of these coins (17-26 mm) not only a single edifice, but a whole city. To achieve this end, the architectural design is simplified and summarily depicted, and its details are omitted.

Another category of building types involves works of architecture represented with religious and/or secular figures, several of which have been already discussed above. Firstly, the generalized and schematic representation of city walls (of Constantinople) with six<sup>347</sup> or four<sup>348</sup> towers surrounds the half-length figure of the Virgin. Secondly, John Comnenus-Ducas<sup>349</sup> and later Andronicus II<sup>350</sup> are depicted winged in the role of guardian-angels surmounting city walls. Thirdly, John Comnenus-Ducas appears beneath an arch with towers at each corner.<sup>351</sup> Fourthly, John Comnenus-Ducas,<sup>352</sup> Michael VIII<sup>353</sup> and Anna of Savoy<sup>354</sup> stand alone holding in either their right or left hand city models with towers. Finally, St. Demetrius<sup>355</sup> and (on one occasion) St. Michael are represented offering or holding together with the rulers of the Empire of Thessalonica<sup>356</sup> and with Michael VIII<sup>357</sup> the model of the city of Thessalonica in the form of a building with a central and two side towers or with only two side towers.<sup>358</sup>

<sup>345</sup> John V/4b: politikon, Anonymous VII (five towers), VIII (three towers), reverse (859-62). According to Ćurčić (personal communication), this architectural design is the representation of a city enclosed by walls and towers shown from above; the gabled centre is actually the back part of the wall, while the H-like shape in the centre at the bottom of the design is the towered gate of the city.

<sup>346</sup> John III-Michael II: Arta? billon trachy Var. C, obverse (476-7). Ćurčić agrees that this type should be viewed as a symbolic representation of a city.

<sup>347</sup> Michael VIII: Constantinopolitan hyperpyra III-a/b (488-504), Thessalonican hyperpyron III-a/b (574-8), Philadelphian hyperpyron III-b (603-6); Andronicus II: Constantinopolitan hyperpyra I-a/b (624-36), Constantinopolitan stamenon V (647); Andronicus II-Michael IX: Constantinopolitan hyperpyron II-a including TE (702-53).

<sup>348</sup> Andronicus II-Michael IX: Constantinopolitan hyperpyron II-b (754-8); Andronicus II-Andronicus III: Constantinopolitan hyperpyron III (817-8); John V/2, Constantinopolitan hyperpyron (848-9).

<sup>349</sup> Billon trachy III/V, reverse (424-7). In accordance with Ćurčić, the building on this type is ambiguous. It could be the symbolic representation of a city, as in previous types.

<sup>350</sup> Thessalonica, stamenon IV/reverse (671).

<sup>351</sup> Billon trachy III/W, reverse (428-9). According to Ćurčić (personal communication), this architectural design looks like a baldachin that has three turret-like features. One should not exclude the possibility that the emperor is shown standing in front of a city or a palace gate with an exedra framing it. See also Morrisson 2003, p. 185.

<sup>352</sup> Thessalonica, billon trachy III/Q, reverse (417).

<sup>353</sup> Constantinople, stamenon XXII/reverse (554-6).

<sup>354</sup> John V/4c: Thessalonican assaria II/reverse (868), III/reverse (869).

<sup>355</sup> It should be added that on the obverse of Andronicus III's Thessalonican assarion XIV (842) the figure of St. Demetrius riding on horseback to the right is set in a natural environment portraying the walls or gates of Thessalonica (see LPC 242.15, note).

<sup>356</sup> Theodore Comnenus-Ducas: electrum trachy B/reverse (321-2), billon trachy D/reverse (329-31); Manuel Comnenus-Ducas: billon trachy G/reverse (364-7); John Comnenus-Ducas: billon trachy III/N, reverse (408-10); Theodore II: Thessalonica, billon trachy/reverse (467-8).

<sup>357</sup> Thessalonican stamenon VIII (589).

<sup>358</sup> The offering of a model of a church or a building or a city was a very popular iconographic theme in Byzantine art. See Spatharakis (1974, p. 204) for relevant examples. According to Ćurčić (personal communication), it is better to avoid the word 'castle', which is used to describe these building designs in DOC IV and V. Some scholars believe that Late Byzantine "forts" were closely related to western feudal 'castles', but there is a distinction between the two. Ćurčić raised this question regarding the meaning of the X-like shape on Michael VIII's Thessalonican stamenon VIII.

<sup>335</sup> See also Parani 2003, p. 30, pl. 32e. This observation contradicts Emmanuel (1993-94, p. 114), and indicates that on coins as well as on other art forms an empress is represented wearing the type of the typical crown being prevalent in her day. Anna is represented wearing the same type of crown in the fourteenth-century miniature of f. 4 in the Cod. Hist. F. 601 in the Landesbibliothek, Stuttgart, and in a painting in the Barberini Gallery of Rome (Lambros 1930). In both examples, the crown rests on a veil or net which covered the hair and the upper part of the shoulders. According to Emmanuel (1993-94, p. 117), in Byzantine art this garment appears more often from the beginning of the fourteenth century, particularly in the monuments of northern Greece and Serbia. Here we see the creation of a fashion respected and shared at the same time across different forms of art (see Georganteli 2001, p. 81, n. 51).

<sup>336</sup> Anonymous Magnesian tetarteron A/obverse (311-2).

<sup>337</sup> Anonymous Magnesian tetartera E and F/reverse (316-7).

<sup>338</sup> The role of the letter B as a siglon is not examined here.

<sup>339</sup> John V/4b: Constantinopolitan politikon, Anonymous XI/reverse (865).

<sup>340</sup> John V/4b: Constantinopolitan politikon, Anonymous VIII/obverse (861-2).

<sup>341</sup> John Comnenus-Ducas: billon trachy III/L, Var. B/obverse (406).

<sup>342</sup> John Comnenus-Ducas: billon trachy III/K, Var. A (398-400).

<sup>343</sup> Andronicus III: Thessalonican assarion X (840-1).

<sup>344</sup> See Svoronos 1899, pp. 363-89; Soloviev 1935, pp. 155-62; Zeininger 1941; Laurent 1943.



What emerges from the above is that almost all these types share the same essentially stereotyped architectural design of a building with towers, and occasionally gateways, shown in the simple frontal view symbolizing a city. It is important to note that only secular architectural designs are portrayed on Late Byzantine coins. Moreover, the frequency with which architectural types appear on products of the mint of Thessalonica may well be of some significance, furnishing more evidence for idiosyncrasies of style in the work of the Thessalonican engravers.

#### c) Crosses

Because of their strong religious symbolism and significance, crosses as complete and central types<sup>359</sup> appear frequently on Late Byzantine coins in varied forms. Thus, the patriarchal cross is represented on three steps between  $\overline{\text{IC}}$   $\overline{\text{XC}}$ ,<sup>360</sup> or with pelleted ends on a floriate base;<sup>361</sup> or on a base decorated with stars in its upper quarters and lilies in its lower;<sup>362</sup> or with stars in the bottom quarters;<sup>363</sup> or with  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in the upper corners, and  $\overline{\text{N}}$   $\overline{\text{K}}$  in the lower;<sup>364</sup> or with wings on each side and a small cross in a circle above;<sup>365</sup> or with a wing on the right and a large letter  $\Theta$  on the left;<sup>366</sup> or on a winged shaft.<sup>367</sup> Correspondingly, the Latin cross (equal armed, often pattée) appears on a base;<sup>368</sup> or inside a crescent decorated with pellets;<sup>369</sup> or radiate with lunate ornaments at the ends decorated with pellets;<sup>370</sup> or radiate with pelleted ends on a floriate base;<sup>371</sup> or with pelleted ends with  $\text{I}$   $\text{C}$  in its upper quarters and  $\text{X}$   $\text{C}$  in its lower;<sup>372</sup> or with pellets in its quarters, inside a crescent;<sup>373</sup> or with stars, mainly six-pointed, in its quarters;<sup>374</sup> sometimes together with a small cross at the intersection;<sup>375</sup> or with stars in its upper quarters and  $\Theta$   $\text{B}$  in its lower;<sup>376</sup> or in quatrefoil;<sup>377</sup> or surrounded by a circular inscription in large lettering, with pellets in its quarters;<sup>378</sup> or with the letter  $\Theta$ <sup>379</sup> or a cross<sup>380</sup> at the intersection. It is interesting that several

politikon coins of John V modelled on Western prototypes<sup>381</sup> have their obverse decorated with a circular inscription reading  $+\text{ } \Pi \text{O} \Lambda \text{I} \text{T} \text{I} \text{K} \text{O} \text{N}$  around a small Latin cross,<sup>382</sup> occasionally with stars in its upper and  $\text{B}$   $\text{B}$  in its lower quarters,<sup>383</sup> or their reverse with a cross with  $\Theta$   $\text{B}$  in both its upper and lower quarters.<sup>384</sup> Finally, the voided cross is illustrated with floriate ends to its limbs, and a diagonal cross at the intersection,<sup>385</sup> while the cross ancree has pellets in each angle.<sup>386</sup> It is obvious from the above that the use of the cross cannot be used as an indicator of mint identity, since it was common in the mints of Magnesia, Constantinople and Thessalonica alike. Perhaps the occurrence of these types on exclusively copper coins is of more interest signifying the use of a purely religious type which was easily understood and familiar to the public on denominations frequently used for daily transactions.

#### d) Dates

Late Byzantine coins do not indicate the date of their issue. There are, however, Constantinopolitan assaria of Andronicus II-Michael IX<sup>387</sup> and Andronicus III(?)<sup>388</sup> carrying as their obverse type indictional dates in the form of large capital letter-numerals. Bertelè showed that the letter  $\text{N}$  with its contraction mark stands for  $\overline{\text{IN}}$  (Indiction),<sup>389</sup> and that the subsequent letters are numbers.<sup>390</sup> On this basis, Andronicus II-Michael IX's Class XVIII and Andronicus III(?)'s Class III were issued in Indictions 14 and 2 respectively.<sup>391</sup> Although the choice of dates as coin types is inconspicuous, their existence on Constantinopolitan issues only bolsters the hypothesis of an annual change of the coin design in the early fourteenth century.<sup>392</sup>

<sup>359</sup> Crosses as decorative elements of imperial insignia, like sceptres, crowns etc., are excluded from this examination.

<sup>360</sup> John III: Magnesians tetarteron G/obverse (296-7).

<sup>361</sup> Michael VIII: Constantinopolitan stamenon XXVIII/obverse (567-8).

<sup>362</sup> Michael VIII: Thessalonican stamenon VIII/obverse (589).

<sup>363</sup> Andronicus II: Thessalonican stamenon XXX/obverse (682).

<sup>364</sup> Andronicus II: Thessalonican stamenon XXXV/obverse (689-91).

<sup>365</sup> Andronicus II: Thessalonican stamenon XXVI/obverse (677).

<sup>366</sup> Andronicus II: Thessalonican stamenon XXXII/obverse (683-5).

<sup>367</sup> Andronicus III: Thessalonican assarion III/obverse (835).

<sup>368</sup> Constantinopolitan large Latin Imitation W/obverse (94-102).

<sup>369</sup> John III: Magnesians tetarteron D/obverse (291-2).

<sup>370</sup> Anonymous ruler: Magnesians tetarteron D/obverse (314-5).

<sup>371</sup> Anonymous ruler: Magnesians tetarteron G/obverse (318-9).

<sup>372</sup> Anonymous ruler: Magnesians tetarteron E/obverse (316).

<sup>373</sup> John Comnenus-Ducas: billon trachy III/W, obverse (428-9).

<sup>374</sup> Andronicus II: Thessalonican stamenon XV-a/obverse (675); John VII: Constantinopolitan copper tornese II/obverse (1050).

<sup>375</sup> Andronicus II-Michael IX: Constantinopolitan assarion V/obverse (790-1).

<sup>376</sup> Andronicus II-Michael IX: Thessalonican stamenon XXIII/obverse (812-3).

<sup>377</sup> Andronicus II-Michael IX: Constantinopolitan billon tornese IX/reverse (779).

<sup>378</sup> Andronicus II: Constantinopolitan billon tornese II/reverse (637-9).

<sup>379</sup> Andronicus II: Constantinopolitan billon tornese III/reverse (640-2).

<sup>380</sup> Andronicus II: Constantinopolitan billon tornese IV/reverse (643); Andronicus II-Michael IX: Constantinopolitan assarion XXIII/obverse (806).

<sup>381</sup> The denoires tournois issued by the Latins of the Morea and Athens. It is worth noting that the function of the cross with arms of equal length is more decorative and less religious, because it is difficult to interpret this as a crucifix (Jones 1990, p. 78).

<sup>382</sup> John V/4b: Constantinopolitan politika IV (857), Anonymous VII (859-60), IX (863), XVI (866).

<sup>383</sup> John V/4b: Constantinopolitan politikon, Anonymous VIII/obverse (861-2).

<sup>384</sup> John V/4b: Constantinopolitan politikon, Anonymous XI/reverse (865).

<sup>385</sup> Theodore II: Thessalonican billon trachy/obverse (467-8); Michael VIII: Philadelphian stamena Var. a-b/obverse (607-8/609-10).

<sup>386</sup> Andronicus III: Constantinopolitan assarion IV/obverse (831).

<sup>387</sup> Class XVIII (802):  $\text{N}\overline{\text{I}}\overline{\text{O}}$  (cursive  $\Delta$ ). See also Bertelè – Morrisson 1978, pp. 131-2.

<sup>388</sup> Class III (828-30):  $\text{N}\overline{\text{B}}$ . The overstrike Fig. 23 throws doubts on the attribution of Class III to Andronicus III.

<sup>389</sup> The indiction was a fifteen-year cycle introduced in the early fourth century for fiscal purposes, signifying the revision of the empire's tax schedules every fifteen years. In later years the cycle continued to be used for the dating of official and private documents. The indictional cycle commenced on the 1<sup>st</sup> of September and ended on the following 31<sup>st</sup> of August. The cycle repeated itself every fifteen years, so that in a reign of over fifteen years certain indictional dates occur more than once (see Grierson 1999, p. 84; Bendall 2002a, p. 28).

<sup>390</sup> See Bertelè – Morrisson 1978, p. 126.

<sup>391</sup> Theoretically, Indiction 14 represents either the years 1300/1301 or 1315/1316 (Grierson 1999, p. 85).

The appearance of the legend *Autokratores Romaion* on Class XVIII in conjunction with the occurrence of overstrikes of Class XVIII on Classes XXI or XXII, which, according to Bendall, cannot date to 1300 (see Bendall 2002a, p. 35, no. 7), suggest that the later date (1315/1316) is more likely. As for Indiction 2, if the type is a coin of Andronicus II-Michael IX, it could represent the years 1319/1320 (Bendall 2002a, p. 35, no. 9), for this type is found overstruck on Class XIX (Indiction 15), which in turn is found overstruck on Class XVIII (Indiction 14) (see Bendall 2002a, p. 35, no. 8; idem 1979b, p. 134). The dating of these coin types of the reign of Andronicus II is definitely a numismatic crux open to revision.

<sup>392</sup> Bendall 1979b, p. 134; Grierson 1999, p. 85.

#### e) Eagles or wing(s)

Surprisingly enough, the eagle,<sup>393</sup> an approved expression of imperial symbolism, appears either two-headed or single-headed and with spread wings as a principal type only on two billon trachea of John Comnenus-Ducas<sup>394</sup> and on a politikon of John V.<sup>395</sup> In contrast, the depiction of just wings alone is more frequent. As complete types wings can be represented on their own,<sup>396</sup> but as secondary elements of the design they also appear together with a variety of symbols and other decorative features: a cross-within-a circle on a shaft,<sup>397</sup> a six-pointed star,<sup>398</sup> a patriarchal cross,<sup>399</sup> an imperial figure,<sup>400</sup> or an arm holding a sword.<sup>401</sup> The evidence conclusively demonstrates the persistence of the Thessalonican die-engravers in adding wings to the design of their coins, especially under the rule of John Comnenus-Ducas. This perhaps reflects a numismatic practice deriving from the strongly religious character of Late Byzantine coinage, and its preference for symbols, like wings, which indicate the divine, in this case an angel, or even Christ and His Will.

#### f) Flowers

On Late Byzantine coins, flowers<sup>402</sup> are seldom elaborate, represented with four, or six, and occasionally with eight petals,<sup>403</sup> sometimes with small rays between them, around a circular centre. Flowers cover the obverse of several products of the Thessalonican mint: they appear on a billon trachy of John Comnenus-Ducas,<sup>404</sup> on a stamenon of Michael VIII<sup>405</sup> and on stamena of Andronicus II<sup>406</sup> and of Andronicus II-Michael IX.<sup>407</sup> In contrast, only on a single specimen of the mint in Magnesia is a flower represented.<sup>408</sup> Yet it is interesting that the same floral motif appears as a secondary element of the design in the lower left field on the obverse of a Constantinopolitan basilicon of Andronicus III depicting the figure of Christ standing on a souppedion,<sup>409</sup> a design perhaps copied from the iconographic repertory of the mint of Thessalonica.

<sup>393</sup> For a complete bibliography of studies on the eagle, see Fourlas 1980, particularly pp. 117-20.

<sup>394</sup> II/B, III/G, obverse (372, 390-2).

<sup>395</sup> John V/4b: Constantinopolitan politikon, Anonymous IX/reverse (863).

<sup>396</sup> John Comnenus-Ducas: billon trachy III/M, obverse (407); III/R, Var. A, obverse (418-9); III/V, obverse (424-7).

<sup>397</sup> John Comnenus-Ducas: billon trachy III/E, obverse (387-9).

<sup>398</sup> Andronicus II: Thessalonican stamenon XI/obverse (673-4).

<sup>399</sup> Andronicus II: Thessalonican stamena XXVI (677), XXXII/obverse (683-5); Andronicus III: Thessalonican assarion III/obverse (835).

<sup>400</sup> John III/Thessalonica: billon trachea A/reverse (442-4), B/reverse (445-7); Andronicus II: Constantinopolitan stamenon XVII/reverse (655).

<sup>401</sup> Uncertain Thessalonican Attribution: billon trachy, obverse (433-4).

<sup>402</sup> Bendall in his *PCPC* and *LPC* describes this pattern as a star.

<sup>403</sup> The depiction of an eight-petalled flower could correspond to a daisy, which biologically has eight petals or more.

<sup>404</sup> Type III/T (420).

<sup>405</sup> Stamenon VII (588).

<sup>406</sup> Stamena XXVIII (679) (6 petals), XXIX (681) (4 petals decorated with a star in each quarter), mule of XXVI and XXVIII (680) (6 petals), XXXVII (692) (4 petals).

<sup>407</sup> Stamenon XIX (810) (6 petals).

<sup>408</sup> Anonymous tetarteron F/obverse (317).

<sup>409</sup> Basilicon (light series) II (825).

#### g) Inscriptions

In the period 1204-1261 a five-line legend occupying the whole obverse field appears on a tetarteron of Theodore Comnenus-Ducas.<sup>410</sup> In the Palaeologan period a four-line and a three-line inscription likewise form the obverse type of an assarion of Andronicus II-Michael IX<sup>411</sup> and of a politikon of John V<sup>412</sup> respectively. The rarity of these types is explained on the basis of their unusual character, which would not have been understood by the illiterate public.

#### h) Keys

Three horizontal turning keys separated by groups of pellets cover the reverse of one type of John V's politikon.<sup>413</sup> This type is particularly unusual, because the keys are here not a secondary design, as in the case of the Latin Empire's billon trachy where St. Peter is represented holding in his left hand two keys,<sup>414</sup> but are elevated to forming the main design itself. It is plausible that the keys had a symbolic meaning representing a city or a fortress.<sup>415</sup> It is also possible that the design of the three keys was in essence the 'signature' of the die-maker. According to Lane – Müller's work on the mint of Venice, most of the die-makers were skilled in other kinds of metalwork, being referred to sometimes as ironsmiths. At late dates there is a reference to an ironsmith, who provided not so much dies as locks,<sup>416</sup> most of which required three keys.<sup>417</sup> This is a strong coincidence, which may help us build the profile of the die-makers and their role in determining the design of the coins.

#### i) Lilies

The numismatic evidence suggests that the fleur-de-lis representing a lily flower as used in heraldry did not enjoy in Byzantium the same popularity and significance as it did in the West, particularly in France<sup>418</sup> and Florence. As a main type, the lily as a purely ornamental device appears on the obverse of a limited number of specimens: on a tetarteron of Theodore II,<sup>419</sup> a Thessalonican stamenon of Michael VIII<sup>420</sup> and on a Constantinopolitan stamenon of Andronicus II.<sup>421</sup> In contrast, as a decorative element of the field, and mainly as a symbol of

<sup>410</sup> Tetarteron Var. B (338-40). The inscription reads +ΘΕΟΔΩΡΟΣΔΕΣΠΟΤΗΚΟΔΟΝΙΚΑΣ.

<sup>411</sup> Constantinopolitan assarion XIII (799-800). The inscription reads +ΑΥΤΟΚΡΑΤΟΡΕΣΤΩΜΙΑΙΩΝ.

<sup>412</sup> John V/4b: politikon, Anonymous X (864). The inscription reads +ΠΟΛΙΤΙΚΟΝ. It has been correctly suggested that this type was modelled on its equivalent, the Latin tornesi (Grierson 1999, p. 90).

<sup>413</sup> John V/4b: Constantinopolitan politikon, Anonymous X (864).

<sup>414</sup> Large Constantinopolitan Latin Imitation S (74-7).

<sup>415</sup> Grierson 1999, p. 90.

<sup>416</sup> 'Each managing mintmaster turned over to his successor the reserve of dies which he had been keeping under lock and key'. Moreover, 'keeping precious metals in different stages of production under lock and key in separate rooms and chests must indeed have provided many calls for a locksmith' (see Lane – Müller 1985, pp. 232, 239).

<sup>417</sup> See Lane – Müller 1985, pp. 237, 239.

<sup>418</sup> It was the symbol of the royal coat of arms of France.

<sup>419</sup> Magnesian A (309-10). As mentioned earlier (p. 31), it was believed that the lily burst annually into blossom near St. Tryphon's relics. Therefore, the figure of St. Tryphon together with his lily appears frequently on products of the Nicaean rulers.

<sup>420</sup> Class XX (598-600). See also Touratsoglou 1971.

<sup>421</sup> Class XXVIII (660) (lily in quatrefoil).



imperial insignia,<sup>422</sup> it appears on Magnesian aspra trachea of John III<sup>423</sup> and Theodore II,<sup>424</sup> and on a billon trachy of John Comnenus-Ducas,<sup>425</sup> but more regularly on Thessalonican issues of Michael VIII,<sup>426</sup> Andronicus II,<sup>427</sup> Andronicus II-Michael IX<sup>428</sup> and Andronicus III.<sup>429</sup>

#### j) Monograms

Monograms figure only on Palaeologan coins.<sup>430</sup> As a main type, the Palaeologan monogram occupies the obverse, with ΛΓ/ΤΤΑ, the most pronounced letters of the word ΤΤΑΛΛΙΟΛΟΓΟC, in two lines across the whole field. Occasionally retrograde,<sup>431</sup> this type consists of thick linear letters surrounded by a linear border, and from the reign of John V onwards of a circular inscription between two linear borders. The Palaeologan monogram made its debut on stamena of Andronicus II<sup>432</sup> and assaria of Andronicus II-Michael IX,<sup>433</sup> and was then employed on assaria of Andronicus III,<sup>434</sup> on politikon coins of John V,<sup>435</sup> and on copper tornesi of Andronicus IV<sup>436</sup> and of Manuel II where it is accompanied on one specimen by a small square lattice cross.<sup>437</sup> Additionally, playing a decorative role in the main design, which in this case is the imperial bust, the Palaeologan monogram appears in the right field on tornesi of Manuel II.<sup>438</sup> It is yet to be explained why the pair of letters ΛΓ precede in order the pair ΤΤΑ, instead of following it. Moreover, it is of particular interest that the usual reverse for these coins is another imperial type.

#### k) Squares and crescents

A lattice pattern formed from four interlaced bands ornamented inside with pellets and linked together at the ends with a point, surrounded by two circular dotted borders, occupies the obverse of Magnesian tetartera issued by John III.<sup>439</sup> The same design was then developed a few years later, as seen on a Magnesian tetarteron of the Anonymous Ruler of the Empire of Nicaea,<sup>440</sup> by having each band decreased in width, and by uniting every two bands in circular ties; the four points, accompanied with a large pellet each, are attached diagonally to the angles of the pattern. In both designs the interlaced bands form an inner small square. These tolerantly geometrical patterns do not appear again in the Palaeologan period. It has been suggested that

another motif, a variant of the above, consisted of unornamented crossed lines (not bands),<sup>441</sup> and decorated the obverse field of an electrum trachy of John III.<sup>442</sup> The same design appears in the lower left field of a Thessalonican tornese of Manuel II. However, the alleged similarities between the main types and this suggested secondary pattern are dubious, especially since the latter by no means forms a square, and here I will emphasize only the principal copper Magnesian designs.

Crescents, representing the waxing or waning moon, form the obverse type of a variety of denominations throughout the entire period 1204-1453. They never appear alone, but are always accompanied with other symbols, like six-pointed stars and pellets,<sup>443</sup> or only with a six-pointed star,<sup>444</sup> or with pellets and a cross.<sup>445</sup> Additionally, they form, always on the reverse, either decorative elements of imperial insignia<sup>446</sup> or subsidiary elements in the field.<sup>447</sup>

#### l) The hetoimasia

The unprecedented numismatic type of the *ετοιμασία* or the 'Prepared Throne' shows a schematic empty throne without a back prepared for Christ's Second Coming.<sup>448</sup> On the throne lies the Gospel and a dotted cross within a circle representing the crown of thorns. On each side of these, other instruments of Christ's passion are displayed, namely to the left a lance and to the right a sponge on a reed, both flanked by the abbreviation Θ, doubled possibly for reasons of symmetry, which may stand for *σταυρός*.<sup>449</sup> The hetoimasia is only used twice, opposite the imperial type, on Constantinopolitan coins of Michael VIII, specifically on a silver trachy<sup>450</sup> and on a stamenon.<sup>451</sup> It has been suggested that this design, heavily pervaded with Christian faith, was inspired in a period of crisis by the psalms, particularly no. 88 (89), 15: 'Justice and Judgement is the habitation of your throne',<sup>452</sup> and/or that it represented the notional image of Christ.<sup>453</sup> Taking the latter suggestion further, Grierson put forward the idea that this type was inspired by the call for the spiritual presence of Christ at councils of the Church, like that of Lyons (1272-1273/4) held under Michael VIII.<sup>454</sup>

<sup>441</sup> Grierson 1999, p. 91.

<sup>442</sup> Magnesian electrum trachy M (214-5).

<sup>443</sup> John Comnenus-Ducas: billon trachy III/P (414-6).

<sup>444</sup> Michael II: Arta, billon trachy (474). For a general account of the representation of the complex crescent – star, see Moutsopoulos – Dimitrokallis 1988, particularly pp. 20-51.

<sup>445</sup> John III: Magnesian tetarteron D (291-2); John Comnenus-Ducas: billon trachy III/W (428-9); Andronicus II: Constantinopolitan stamenon 661, which reminds us of Byzantine issues of the last quarter of the eleventh century (see Moutsopoulos – Dimitrokallis 1988, p. 28, fig. 17/19; Grierson 1982, pl. 57, 993 (J), pl. 58, 1006). Following the suggestion of Moutsopoulos – Dimitrokallis (1988, pp. 14-8), it is possible that the cross on specimens 291-2 and 428-9 is, in essence, a four-pointed star.

<sup>446</sup> Theodore Comnenus-Ducas: tetarteron Var. B (338-40) (patriarchal cross-crosslet on a long shaft decorated with a crescent); John V/2: Constantinopolitan billon tornese (852) (labarum above a deep crescent).

<sup>447</sup> Michael II: Arta, billon trachy (472-3); Andronicus II: Constantinopolitan stamenon XIV (651). It needs to be examined whether on these specimens the crescents played the role of sigla. According to Jones (1990, p. 77), crescents were used as mint marks on Republican and late Imperial Roman coins.

<sup>448</sup> Although rare on coins, the hetoimasia is common on other forms of Byzantine art (see Bendall 1976a, p. 231).

<sup>449</sup> Grierson 1999, p. 89.

<sup>450</sup> Class IX (506).

<sup>451</sup> Class XII (532-4).

<sup>452</sup> Bendall 1976a, p. 231.

<sup>453</sup> Bendall 1976a, p. 234.

<sup>454</sup> Grierson 1999, pp. 89, 113. Bendall (1976a, p. 233) put forward stylistic criteria which support Grierson's suggestion.

<sup>422</sup> According to Khristova (1979), the lily appeared also on Bulgarian issues of Constantine Asen (1257-1277) - as a decorative element of the imperial throne - and of Ivan Srazimir (1360-1396).

<sup>423</sup> Billon trachea U, V/reverse (261-2, 263-7).

<sup>424</sup> Electrum trachy III/reverse (303).

<sup>425</sup> Type III/X (430-2).

<sup>426</sup> Stamena VIII, XVI, XVII/reverse (589, 596, 597).

<sup>427</sup> Stamena III, VII, XXIX/reverse (670, 672, 681).

<sup>428</sup> Stamenon XXV/reverse (815). See also Laurent (1958, particularly pp. 418-21), who in his article attributed the stamenon to Michael VIII.

<sup>429</sup> Assarion XVIII (843-4).

<sup>430</sup> ODB p. 1397: Generally monograms became rare in the ninth to twelfth centuries.

<sup>431</sup> Manuel II: Thessalonican tornese (1028).

<sup>432</sup> Andronicus II: Thessalonican stamenon XL (694).

<sup>433</sup> Andronicus II-Michael IX: Constantinopolitan assaria XXII (804-5), XXV (807-8).

<sup>434</sup> Constantinopolitan assarion (832); Thessalonican assarion XVIII (843-4).

<sup>435</sup> John V/4b: Constantinopolitan politikon V (858).

<sup>436</sup> John V/5: Constantinopolitan tornese (891).

<sup>437</sup> Constantinopolitan tornese I (1004-6); Thessalonican tornese (1028).

<sup>438</sup> Constantinopolitan tornesi II (1007), IV (1012-7).

<sup>439</sup> Tetarteron A (281-2).

<sup>440</sup> Tetarteron B (313).

## 7. Overstrikes

The Ashmolean collection accommodates a stimulating group of Late Byzantine overstrikes. Most of them were originally acquired by Bendall, who, since 1974, was the only expert to show great zeal for detecting and recording as many overstrikes as possible, in order to arrange the coinage in a proper sequence.

Generally speaking, an overstrike occurred when an existing coin was used as a blank, and was re-struck by another coin. This procedure saved on melting down coins withdrawn from circulation in order to produce new flans,<sup>455</sup> but resulted in a reduction of the weight of the coins, for those used as flans would be worn and thus were lighter than when they had originally left the mint.<sup>456</sup> Overstrikes are very important, for if overstriking has not obliterated the original coin or undertype completely, then, with close scrutiny, both the undertype and the overtyp can be identified.<sup>457</sup> The study of such overstrikes is a useful method for reconstructing the order in which different types of coins were issued, since the undertype predated the overtyp<sup>458</sup> or was contemporary with it.<sup>459</sup>

In the Ashmolean collection, 23 overstrikes can be identified with certainty.<sup>460</sup> With one exception, all the overstrikes come from the period 1204-1261, and consist of Constantinopolitan coins struck over other Constantinopolitan coins, of Thessalonican coins overstruck on other Thessalonican coins, of Nicaean coins re-struck on other Nicaean coins, of Constantinopolitan coins over Magnesian coins, of Thessalonican coins struck on Constantinopolitan coins, and of Nicaean coins struck over Thessalonican coins. In other words, overstrikes occurred not only in the same mint that produced the original, but also in different mints. Twenty-two overstrikes consist of billon trachea overstruck on earlier billon trachea,<sup>461</sup> while the one Palaeologan overstrike involves a copper assarion struck on an earlier assarion.<sup>462</sup> Most obviously, base metal

coins are found overstruck, probably because the weights of low value denominations and the exact composition of the metal from which they were composed were subject to less control by the mint authorities. Moreover, copper and some of its alloys were to some extent softer and, subsequently, easier to overstrike with new types.<sup>463</sup> Close scrutiny of the present material also reveals that in the main traces of the undertype are usually found on the blank 'ring' outside the border surrounding the overtyp, or somewhere around the outer part of the design inside the exterior circle.<sup>464</sup> The existing overstrikes are mostly reverse on reverse,<sup>465</sup> but also obverse on reverse,<sup>466</sup> reverse on obverse,<sup>467</sup> and obverse on obverse.<sup>468</sup> In the pages that follow Figures a'/b' show accentuated the details of the undertype, which has escaped defacement, while Figures a/b show the coins unmarked.

The study of the Ashmolean overstrikes reveals that for the Latin Imitations and for the billon coinage of the Thessalonican Ducas Manuel, small-module issues were overstruck on the clipped-down flans of earlier large-module types. Starting with the Latin Imitative series, small A was overstruck on large P (Fig. 1),<sup>469</sup> and, in three cases, on large R (Figs. 2-4).<sup>470</sup>

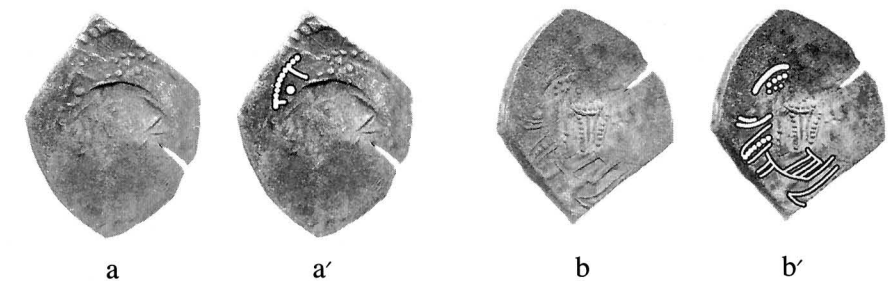


FIG. 1: 1098

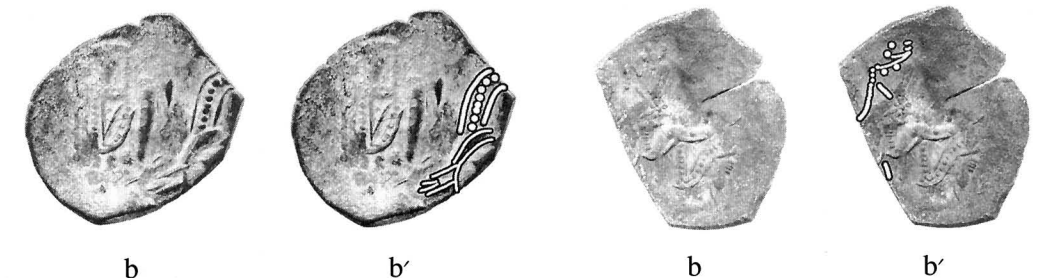


FIG. 2: 1099

FIG. 3: 1101

<sup>455</sup> Coins that were candidates to be re-used as flans for later issues were: a) stray finds with little or no monetary value and use or other coins that found their way back to the mint just before production was being changed to a new variety because of a monetary reform (Goodwin 2001, p. 95); or b) coins that for several reasons, i.e. the quality control process, remained in the mint, being struck, but not issued (Bendall 2003, p. 135).

<sup>456</sup> Grierson 1975, p. 111.

<sup>457</sup> Burnett 1991, pp. 25-6.

<sup>458</sup> An objection to this statement comes from Goodwin (2001, p. 94), who claims that an overstrike alone does not prove that the overtyp was minted later than the undertyp (i.e. the issue represented by the undertyp could have just started, while that represented by the overtyp might have been about to end). Goodwin recommends the use of supplementary information (i.e. the representation of two different rulers on an undertyp and overtyp from the same mint), together with the identification of a statistically significant sample of overstrikes with a consistent pattern of overstriking. I find Goodwin's suggestions very demanding, and difficult to apply to Late Byzantine numismatics.

<sup>459</sup> According to Bendall (2002a, pp. 28, 30), overstriking tended to occur on relatively recent coins, possibly issued between one and four years earlier, for stocks of coins which were produced with a different annual design, but were not issued, *remained in the mint* and were used as flans for subsequent issues. This is probably the answer to Bendall's own question (2003, p. 134) 'Since this petty coinage could not be used to pay taxes how were these earlier coins returned to the mint in order to be restruck?'.

<sup>460</sup> The Catalogue presents ten further overstrikes (1097, 1102-4, 1107, 1114, 1117, 1124, 1126, 1127), whose undertyp yet remains to be ascertained.

<sup>461</sup> It is worthy of note that Bendall (1987b, pp. 3-4, figs. 5-6) published an overstrike of John III's tetarteron G on the same ruler's tetarteron D.

<sup>462</sup> According to Bendall (2003, p. 134), most overstrikes in the Palaeologan Constantinopolitan coinage consist of assaria struck on earlier assaria. It is interesting to note that Andronicus II-Michael IX's Constantinopolitan assarion IX is found overstruck exclusively on Andronicus II-Michael IX's Constantinopolitan stamenon V.

<sup>463</sup> Jones 1990, p. 230.

<sup>464</sup> See Figs. 2b', 3b', 4b', 5a', 8a', 11b', 12b', 15a', 18b', 19b', 21b', 23a'.

<sup>465</sup> Figs. 1b', 2b', 3b', 8b', 10b', 11b', 12b', 16b', 17b', 18b', 19b', 20b', 21b', 22b'.

<sup>466</sup> Figs. 4a', 5a', 6a', 7a', 9a', 13a', 14a', 15a', 23a'.

<sup>467</sup> Figs. 4b', 7b', 9b' (?), 14b'.

<sup>468</sup> Figs. 1a', 8a', 10a', 20a', 21a', 22a'.

<sup>469</sup> On the reverse part of the right wing and of the military tunic of St. Michael can be seen. On the obverse there are traces of Christ's beaded nimbus and the left limb of the nimbus cross.

<sup>470</sup> On Fig. 2 the left outstretched arm and open hand of the praying Virgin is seen. This is less clear on Fig. 3. As for Fig. 4, the right outstretched arm and open hand of the Virgin together with part of her tunic and maphorion can be identified. On the reverse of the same coin the right cushion and part of the leg of Christ's throne can be clearly seen.



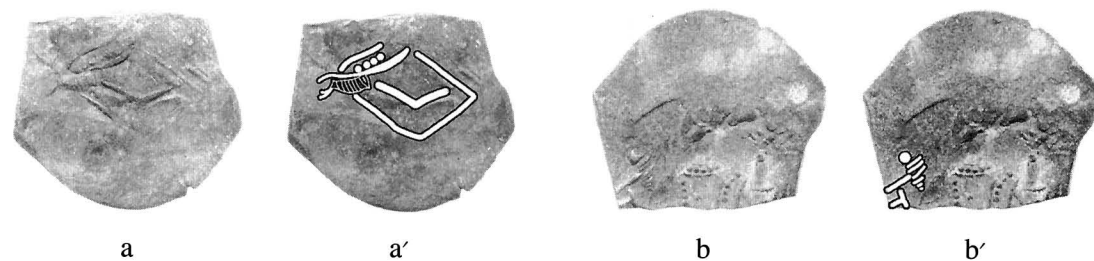


FIG. 4: 1100

Small Latin B and F were re-struck on their large equivalents (Figs. 5-6),<sup>471</sup> and small G on the Thessalonican large-module C (Fig. 7).<sup>472</sup> As for Manuel Comnenus-Ducas' coinage, small-module C is found on large F (Fig. 8),<sup>473</sup> small F on large A (Fig. 9)<sup>474</sup> and on large G (Fig. 10),<sup>475</sup> small G on large E (Fig. 11),<sup>476</sup> and small A, with reservation, on Theodore Comnenus-Ducas' Type E (Fig. 12).<sup>477</sup> This pattern of small-module coins being overstruck on the cut-up flans of their large-module analogues is important, for it would therefore seem reasonable to assume that large-module coins were earlier than their small-module 'clones'.

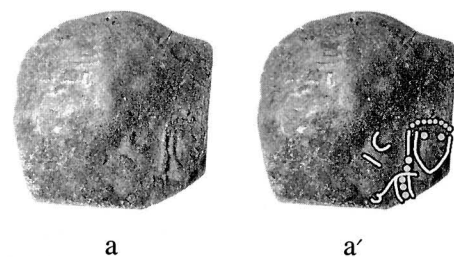


FIG. 5: 1105

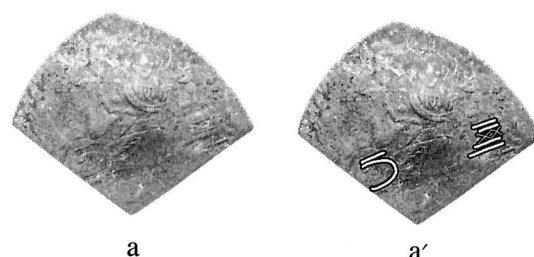


FIG. 6: 1108

<sup>471</sup> On Fig. 5 the emperor's head and part of his chlamys are clearly visible, while on Fig. 6 the head and the lower body of the right hand figure of St. Constantine can be seen.

<sup>472</sup> On the obverse, the head, stemma, and loros of the left hand figure of St. Helena are clearly recognized. On the reverse there are traces of the cushion and leg of Christ's throne.

<sup>473</sup> On the obverse the letters ...ΘΟΔ... of the undertype's inscription are seen. On the reverse, the head and stemma of the emperor, the Manus Dei, part of the saint's nimbus and the dotted cloud with the star in the centre are clearly recognizable.

<sup>474</sup> On Fig. 9 the existence of an undertype is attested by Christ's drapery of the tunic and his feet on the obverse, and possibly by the outline of St Demetrius' body on the reverse.

<sup>475</sup> On Fig. 10 the outline of St. Michael's left wing is visible on the obverse, and the legs of the throne, where Manuel and St. Demetrius were seated, are seen on the reverse.

<sup>476</sup> On Fig. 11 the reverse preserves traces of the ruler's sagion.

<sup>477</sup> Fig. 12 shows very distinctly the lower part of a loros, which, however, occurs with the same design also on Manuel Comnenus-Ducas' Types D and E. I have marked the letters ΘΕ Ψ, but with certain reservations.

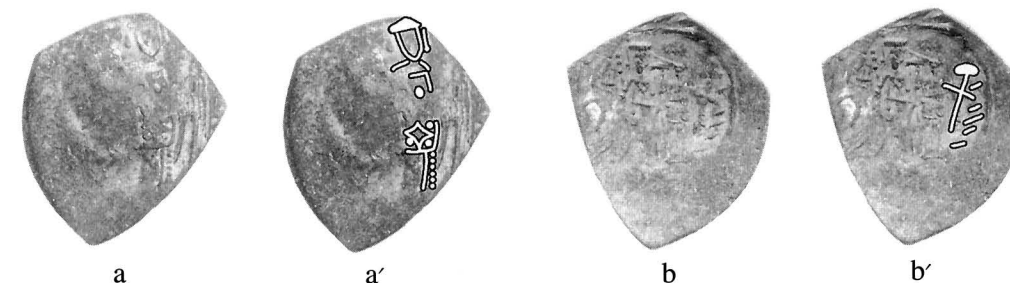


FIG. 7: 1112

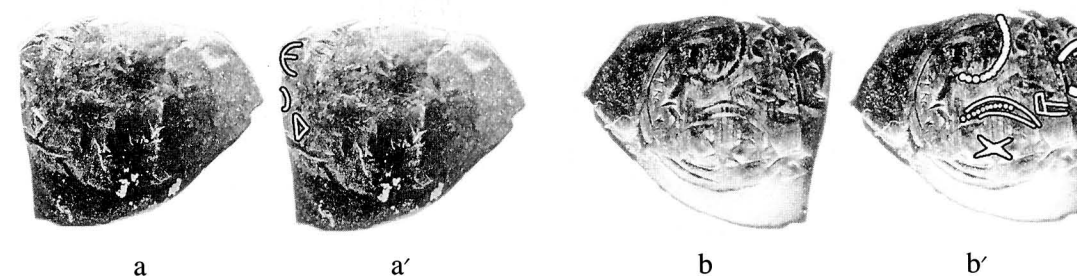


FIG. 8: 1121



FIG. 9: 1122

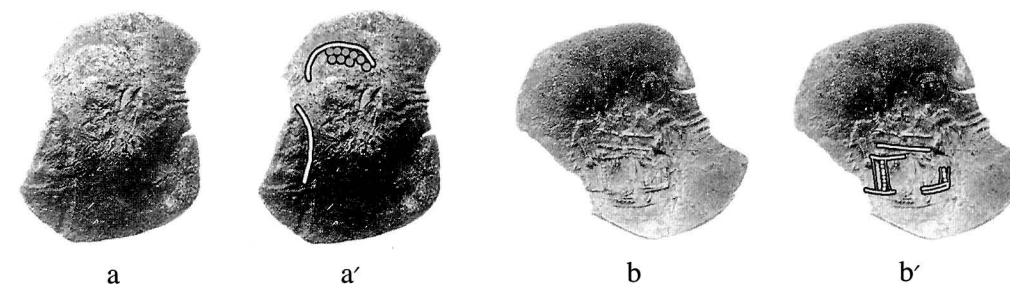


FIG. 10: 1123



FIG. 11: 1125

FIG. 12: 1120

In addition, the following overstrikes provide important evidence for establishing a sequence in the issues of Theodore I, Theodore Comnenus-Ducas and Manuel Comnenus-Ducas. The first overstrike shows Theodore I's Second Coinage struck on the same emperor's First Coinage. On Fig. 13 can be seen almost the whole figure of the emperor wearing stemma, divitision, collar-piece and loros, and holding a labarum-headed sceptre in his right hand.

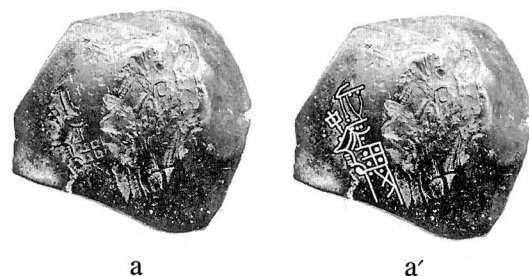


FIG. 13: 1113

The second overstrike represents Theodore Comnenus-Ducas' Type C struck on his Type B (Fig. 14).<sup>478</sup> The obverse of the undertype is revealed (barely) by part of Christ's dotted nimbus, and the siglon Δ, but the reverse is more easily identified from the inscription ...ΔΥΡ... Γ and from the left hand figure of the emperor, holding in his right hand a sceptre cruciger, crowned by a nimbate figure.

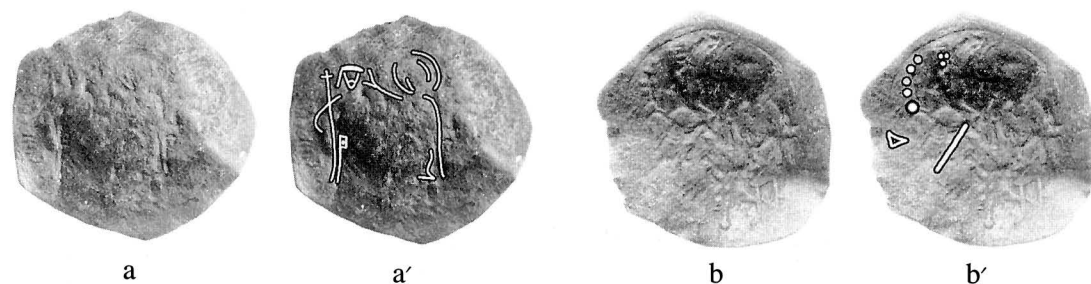


FIG. 14: 1115

Another Thessalonican overstrike of the same ruler presents his Type C over Type F, obverse on reverse (Fig. 15).<sup>479</sup> The reverse of the undertype is visible with the emperor's head and loros, the patriarchal cross, and the edge of the Manus Dei. These overstrikes indicate clearly that both Types B and F were earlier than Type C, which may also suggest that Type C was produced in greater numbers.

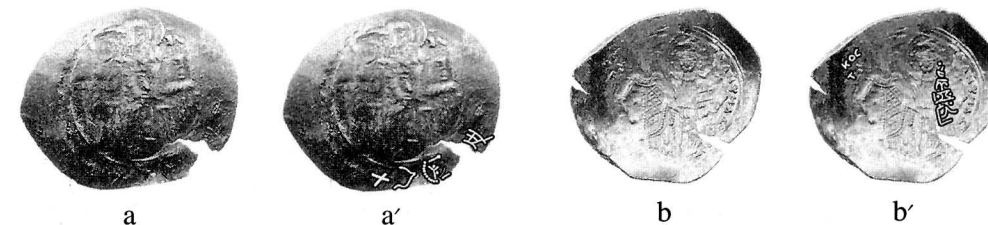


FIG. 15: 1116

FIG. 16: 1118

The last overstrike in this series represents Manuel Comnenus-Ducas' Type A on his Type E (Fig. 16), as indicated by the undertype's reverse showing part of the face and loros of the right hand figure of St. Constantine, as well as part of the inscription with the letters ΚΟC T.

Cautious analysis of the available material also brings to light a further series of more interesting overstrikes. To begin with, three small Latin Imitative issues of Type G were re-struck on Direct Copies of Type C (Figs. 17-9). The clearest example (Fig. 17) shows the reverse of the undertype with the loros and face of the left hand figure of the emperor and the loros of the right hand figure of St. Constantine. Does this relationship support's Touratsoglou's claim that the Direct Copies were early Latin Imitative issues?<sup>480</sup>

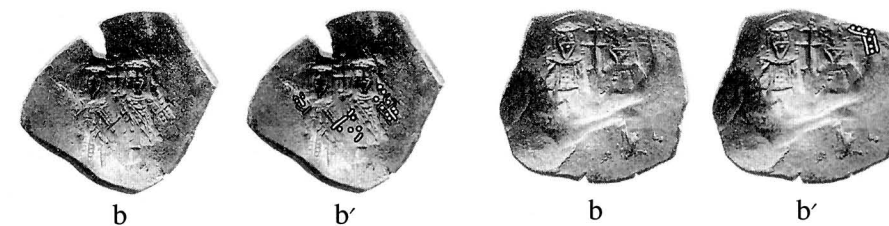


FIG. 17: 1109

FIG. 18: 1110



FIG. 19: 1111

<sup>479</sup> Bendall 1976c, p. 416.

<sup>480</sup> For a detailed analysis of the relationship between Direct Copies and Latin Imitative coins, see Touratsoglou 1973, pp. 67-9.

<sup>478</sup> Bendall 1979a, p. 61.



The next overstrike represents Thessalonican large Latin Imitation C on Constantinopolitan large Latin Imitation B (Fig. 20).<sup>481</sup> The obverse of the undertype is identified by the traces of Christ's nimbus, of the left side of his throne and of the abbreviation XC. The reverse is revealed by the traces of the cross (surmounting the globus) and of the imperial garment. This overstrike, originally deriving from the Yenimahalle hoard, throws more light on the identification of the mints striking the Latin Imitative series.



FIG. 20: 1106

There is also a Nicaean-Latin overstrike representing the large Latin Imitative O over John III's Type M (Fig. 21). Bendall discerned the undertype's reverse with the oval shield next to the lower body of St. Constantine.<sup>482</sup> Additionally, close study reveals traces of the undertype's obverse on the other side of the coin, namely the letter X (part of the abbreviation XC) close to Christ's left shoulder. This overstrike helps to place Type O in its chronological framework, which consists of 25 different types.



FIG. 21: 1096

The limb of the nimbus cross and the left hand of Christ on the obverse, plus the nimbus and the right arm of St. Michael holding a sceptre, attest a Thessalonican-Latin overstrike, namely Manuel Comnenus-Ducas' Type A over the large Latin Imitation P (Fig. 22). This gives a terminus for the latter of 1230-1237.<sup>483</sup>



FIG. 22: 1119

Although overstrikes are common in the Palaeologan period,<sup>484</sup> the Ashmolean collection accommodates only one example (Fig. 23).<sup>485</sup> The overtyping represents on the obverse the indictional letters NB with a star above and below, and has been customarily identified as Andronicus III's Constantinopolitan assarion of Class III.<sup>486</sup> The undertype is visible with the lower part of the loros and a raised left arm holding in its crook a shaft.



FIG. 23: 1128

This overstrike offers pivotal evidence for re-attributing Andronicus III's assarion of Class III to Andronicus II-Michael IX's joint reign.<sup>487</sup> Recent research has shown that, as in Thessalonica, Constantinopolitan assaria of Andronicus II-Michael IX depicted Andronicus II alone.<sup>488</sup> Furthermore, Bendall has noted that the overtyping (Fig. 23a) has been struck on four types of assaria of Andronicus II-Michael IX's joint reign.<sup>489</sup> On these grounds, if the overtyping was an issue of Andronicus III, it would not have been produced so much later than its undertype.<sup>490</sup> Moreover, according to Bendall, the only assarion of Andronicus III - Class IV - albeit a very

<sup>484</sup> See Bendall 1976b; idem 1979b; idem 1979d; idem 1981b; idem 1982c; idem 1984c; idem 1988a, pp. 15-6; idem 2002a; idem 2003; idem 2007.

<sup>485</sup> Bendall 1974, p. 285, no. 2.

<sup>486</sup> See Grierson 1999, pl. 50, nos. 902-6; Bendall 1988a, p. 44, no. 204; Bendall - Donald 1979, p. 126, no. 12; Sear 1987, p. 463, no. 2480; (828-30).

<sup>487</sup> See Bendall 2002a, p. 35, no. 9.

<sup>488</sup> Bendall 2002a, p. 35; idem 1974, p. 285, no. 1.

<sup>489</sup> Bendall 2002a, p. 34 (and 1984c, p. 6) coins 661 (VII), 671 (VIII), 647 (IV), 698 (XIX).

<sup>490</sup> Moreover, Grierson's remark (1999, p. 85), 'Three decades later the idea of using date formulae as types was revived under Andronicus III, but on this occasion it lasted only a single year' in fact advances further the opinion that the overtyping is not an issue of Andronicus III.

<sup>481</sup> Bendall 1984d, p. 78.

<sup>482</sup> Bendall 1992, p. 264. Later mention of the overstrike was made by Hendy (1999, p. 90).

<sup>483</sup> Hendy 1999, p. 91.

common coin - has not been found overstruck on any earlier issues.<sup>491</sup> In closing, it is certainly the case that the overtype is an issue of Andronicus II-Michael IX struck on Andronicus II-Michael IX's Constantinopolitan assarion of Classes IV, VII, XVIII-XX, which in general share the same reverse design.

## 8. Inscriptions and Monograms

Because of the non-realistic treatment of facial features, figures on Late Byzantine coins are recognized only if the inscriptions name them. In other words, Late Byzantine legends furnish invaluable information, because, almost always, they enable us to attribute coins to issuing authorities.<sup>492</sup> Even when blundered, they still constitute reliable identifying criterion.

Late Byzantine coin legends illustrate trends already present in the inscriptional tradition of Roman and of earlier Byzantine coins. Inscriptions on coins of the period 1204-1261 are divided into three classes: a) legends which follow the circumference of the coin and usually frame the left and right side of the type; b) inscriptions which are placed vertically to left and right of the type in lines of one, two or three letters;<sup>493</sup> and c) legends of five lines being the type themselves.<sup>494</sup> Inscriptions on Palaeologan coins continue the above three patterns, and also present a new scheme: a legend running in one linear or two linear/dotted outer circles.<sup>495</sup>

Late Byzantine legends, except when forming the type themselves, do not function as part of the decorative pattern. On the contrary, they are adjusted to the design conforming to the vacant space within the circle of the type.<sup>496</sup> This supports the argument that the imperial effigy was engraved first, and the legend was added later.<sup>497</sup> This practice clashed with the engravers' impulse to convey as much information as possible, increased the use of fragmentary legends and cut or abbreviated words,<sup>498</sup> and deteriorated the quality and legibility of the lettering. Thus, it is not surprising that only rarely does one find Late Byzantine coins where all the letters in the inscription are readable, and that one often encounters simplified letters in the form of one or more vertical strokes.

Because of their official political and monetary nature,<sup>499</sup> Late Byzantine coin inscriptions in the Ashmolean collection provide a systematic source for the names and epithets of saints, for the names, titles and epithets of Late Byzantine emperors, as well as for invocations to

imperial or holy personages (ΚΥΡΙΑ ΒΟΗΘΕΙ ΧΡ ΒΑΣΙΛΕΙC). Moreover, they echo the emperor's strong Christian faith (ΕΝ ΧΩ ΤΩ ΘΕΩ ΠΙCΤΟC ΒΑΣΙΛΕΥC), as well as his self-appointment as ΘΥ ΧΑΡΙΤΙ ΒΑΣΙΛΕΥC ΤΩΝ ΡΩΜΑΙΩΝ. On the other hand, they only rarely give the name of a city (ΠΟΛΙC ΘΕCΣΑΛΟΝΙΚΗ),<sup>500</sup> or even of the coin itself (ΠΟΛΙΤΙΚΟΝ).

The emperor's Christian name is given, either abbreviated or cut with the last letters of the name omitted (ΙΩ for ΙΩΑΝΝΗC, ΧΜ and less regularly ΜΧ for ΜΙΧΑΗΛ; ΘΕΟΔ for ΘΕΟΔΩΡΟC, ΑΝΔ for ΑΝΔΡΟΝΙΚΟC, ΜΑΝ for ΜΑΝΟΥΗΛ). Normally the imperial name was followed by imperial titles.<sup>501</sup> The most extensively used imperial title for the whole period 1204-1453 was that of despot (ΔΕCΠΟΤΗC)<sup>502</sup> often followed by the name Ο ΔΥΚΑC, which was used as a sort of royal title.<sup>503</sup> Other titles were basileus, alone (ΒΑΣΙΛΕΥC/ΒΑΣΙΛΕΙC) or as ΒΑΣΙΛΕΥC/ΒΑΣΙΛΕΙC (ΤΩΝ) ΡΩΜΑΙΩΝ, and autokrator, alone (ΑΥΤΟΚΡΑΤΩΡ) or as ΑΥΤΟΚΡΑΤΩΡ/ΑΥΤΟΚΡΑΤΟΡΕC (ΤΩΝ) ΡΩΜΑΙΩΝ. The title ΑΥΤΟΚΡΑΤΟΡΕC ΡΩΜΑΙΩΝ was first employed on hyperpyra, basilica and assaria of Andronicus II-Michael IX, while the title of ΒΑΣΙΛΕΥC ΤΩΝ ΡΩΜΑΙΩΝ first appears on stavrata of John V and of Manuel II. As for the imperial epithets, the most intriguing is the lengthy porphyrogenitus (ΠΟΡΦΥΡΟΓΕΝΝΗΤΟC) on coins of John III and Theodore II.<sup>504</sup> Finally, patronymics followed in sequence. For the Nicaean rulers the patronymics used were ΚΟΜΝΗΝΟC or Ο ΛΑCΚΑΡΙC, for the Thessalonican emperors ΚΟΜΝΗΝΟC, always followed by Ο ΔΥΚΑC,<sup>505</sup> for the Palaeologans Ο ΠΑΛΑΙΟΛΟΓΟC. John VI was addressed with the abbreviation ΚΝΤ for ΚΑΝΤΑΚΟΒΖΗΝΟC. It is certainly interesting that patronymics were generally not abbreviated, indicating the engravers' preference to emphasize the whole title and thus the authority and continuity of the dynastic families.

Inscriptions on Late Byzantine coins were in the Greek alphabet.<sup>506</sup> Only on Andronicus II-Michael IX's basilicon of Class VIII do the inscriptions run from right to left.<sup>507</sup> Letters were always capitalised, sometimes retrograde, and were very rarely adorned with serifs. The lettering generally increased in size, and automatically, due to the lack of space, deteriorated in legibility particularly in inscriptions between double borders. Differences in the lettering and spelling mistakes are common especially in late Palaeologan inscriptions, testifying to a lack of care in execution and to varying degrees of literacy among the engravers. The letters regularly confused by the die-sinkers were:

Η and Ι	ΑΓΗΟC, ΔΕCΠΟΤΙC, ΧΑΡΗΤΗ/ΧΑΡΙΤΗ, ΠΗCΤΟC, ΔΙΜΙΤΡΙΟC
С and Ε	ΔCСΠΟΤΗC
Ο and Ω	ΡΩΜΑΙΟΝ/ΡΟΜΑΙΟΝ, ΤΟΝ, ΤΟ ΘΕΟ
Λ and Α	ΑΓΙΟC, ΑΝΔΡΟΝΙΚΟC
Λ and Δ	ΔΥΚΑC
Ε for ΑΙ	ΠΑΛΕΟΛΟΓΟC, ΡΩΜΕΩΝ

<sup>500</sup> Manuel Comnenus-Ducas: billon trachy G (364).

<sup>501</sup> Except for a few specimens of large Constantinopolitan Latin billon trachea B, where the title ΔΕCΠΟΤΙC precedes the name ΜΑΝΟΥΗΛ (27, 29, 30).

<sup>502</sup> Plakogiannakis 2001, pp. 39-40: From the late twelfth century the title ΔΕCΠΟΤΗC became the regular title of the (designated) heir to the throne.

<sup>503</sup> For John III and Theodore II.

<sup>504</sup> For the illegitimate use of the epithet porphyrogenitus on the hyperpyra of John III, see Lianta 2006b, pp. 281-2.

<sup>505</sup> Legible on Theodore's coins.

<sup>506</sup> Morrisson 1991, pp. 262-4: Latin was no longer in use after the 1060s.

<sup>507</sup> ΚΥΡΙΑ (obverse, right) ΒΟΗΘΕΙ (obverse, left) ΑΥΤΟΚΡΑΤΟΡΕC (reverse, right) ΡΩΜΑΙΩΝ (reverse, left) (767-73).

<sup>491</sup> Bendall (2002a, p. 35; 1984c), based on stylistic similarities with Andronicus III's (*recte* Andronicus II-Michael IX's) assarion III, suggested that Andronicus III's assaria I and II are actually issues of Andronicus II-Michael IX. For more entries into the discussion about the attribution of the assaria to Andronicus II-Michael IX/Andronicus III, see also Grierson 1999, p. 168; Bendall 1988a, pp. 15, 43; Bendall 1974, p. 285.

<sup>492</sup> With the exception of Latin imitative coins, which maintain the Byzantine inscriptions and so give no clear indication of the people behind their issuing, and of anonymous coins that mention no imperial name at all.

<sup>493</sup> Bellinger 1967, p. 337: An epigraphical fashion introduced by Alexius I, possibly under the influence of the arrangement of inscriptions on ivories and mosaics.

<sup>494</sup> On tetartera, Var. B, of Theodore Comnenus-Ducas (338-40).

<sup>495</sup> One outer circle: Andronicus II-Michael IX: assaria II (788), X (794), XXI-XXIII (803-6); Andronicus II-Andronicus III: stamenon XX (819-21); John V/4b: politika II (854-6), VII-IX (859-63), XVI (866); John V/5: copper tornese (891); Manuel II: copper tornese I (1004-6). Two outer circles: stavrata of John V/4e/6 (870-2/894-900); Manuel II (903-16); John VIII (1051-65); Constantine XI (1095).

<sup>496</sup> See 429, on the reverse of which the inscription ΙΩΔ is placed in the free space above the arch, and 624-36, where the body of Andronicus II kneeling in προσκύνηση leaves plenty of vacant space for the inscription to be developed (disorderly) in several lines in the top left corner.

<sup>497</sup> Bendall - Donald 1979, p. 11.

<sup>498</sup> This phenomenon is more common on Palaeologan coins.

<sup>499</sup> Burnett 1991, p. 29.



## 9. New issues and varieties of Late Byzantine coins

### Rare issues

The collection of Late Byzantine coins of the Ashmolean Museum includes a number of rare types, that appear to be the second or the third known examples (**210, 212, 214-5, 216, 321, 643, 850, 1095**). It contains also issues, which have not been recorded in the most recent reference catalogues, and it sheds light on new varieties of sigla, which complement the existing listings of *PCPC* and of *DOC V*.


### New issues

The aspron trachy (bill.) of the Latin Empire of Constantinople (1204-1261) represents on the obverse a beardless military saint holding in his right hand a spear and in his left hand a shield, and on the reverse an emperor holding in his right hand a trilobate sceptre, and in his left hand a globus cruciger (**103-6**).


The aspron trachy (bill.), attributed by Bendall to Michael II Comnenus-Ducas (c. 1236-1268) of the Despotate of Epirus, presents on the obverse St. Demetrius with a sword in his right hand, and a shield in his left hand, and on the reverse the emperor crowned by Christ and holding a sceptre cruciger in his right hand, and an anexikakia in his left hand (**471-3**).

The aspron trachy (AR) of Michael VIII Palaeologus (1261-1282) represents on the obverse the enthroned Christ, and on the reverse the emperor holding in his right hand a labarum-headed sceptre, and in his left a globus surmounted by a patriarchal cross (**480**).

### New varieties

The hyperpyron (AV) of Andronicus II Palaeologus representing the emperor nimbate, bears on the obverse the following new siglon,  (**632**).



The 'heavy' stavraton (AR) of Manuel II Palaeologus presents on the obverse the new siglon B  (**904**).

## Presentation of the Catalogue, the ordering of the coins, and the conventions employed

The coins have been listed chronologically according to emperor,<sup>508</sup> and have been numbered consecutively throughout, giving each type a separate number under each mint, metal and denomination with a further letter and numeral breakdown to distinguish varieties and individual specimens.<sup>509</sup> The customary numismatic abbreviations have been used for gold (AV), silver (AR) and copper (AE). Electrum (el.) is used to describe alloys of gold and silver, and billon (bill.) is used to describe silver less than 30 per cent pure, but more than 5 per cent. As in most recent works,<sup>510</sup> the religious side of the coin is treated as the obverse, and the imperial/secular side as the reverse,<sup>511</sup> except for a very small number of cases where the imperial side is treated as the obverse.<sup>512</sup>

The descriptions of the iconography and the recording of the inscriptions are faithful to the original coins; attempt was made to reproduce actual letter forms. The special fonts used for the coin inscriptions were first created by the late Professor Nicholas Oikonomides in 1986, and were subsequently enriched by the late Glen Rubby and the Publications Department of Dumbarton Oaks (Washington, D.C.). The numbering of the sigla is that of Bendall's tables,<sup>513</sup> which were reproduced in *DOC V*. The diameters are maximal in millimetres (mm), and the weights are in grams (g); clipped (after they were issued), broken (after they were lost or deposited) and pierced coins are indicated, because this affects their weight. Die-axes are all noted, despite the fact that most of them approximate to 6 o'clock. The catalogue also notes the source of each coin in the collection, together with its historic and modern provenance, and the date of acquisition, when known.

Finally, there are systematic references to Hendy's *DOC IV*, to Grierson's *DOC V*, to the second edition of Sear's reference listing of Byzantine coins, to Bendall's catalogue of his Palaeologan collection (*PCPC*), to Bendall's and Donald's work on later Palaeologan coinage (*LPC*), and to specific articles and publications that list and/or illustrate the same or similar coins. It should be noted that, if no *DOC* reference is given, the type was lacking in the collection at the time *DOC IV* and *V* were published, but is not necessarily missing from the Dumbarton Oaks Collection now. The dating of the types largely follows the method used in *DOC IV* and *V*. Finally, all coins are illustrated by kind permission of the Visitors of the Ashmolean Museum.

<sup>508</sup> The attributions of specimens **274, 278-80, 373, 435** must be treated with caution.

<sup>509</sup> The small-module Latin Imitations follow their large-module equivalents, while the hyperpyra of Andronicus II-Michael IX with transposed effigies precede the hyperpyra of Andronicus II-Michael IX with normal effigies.

<sup>510</sup> In *DOC IV* and *V*, *PCPC* (Bendall 1988a), Sear 1987, and Grierson 1982. An exception is *LPC* (Bendall-Donald 1979), where the authors reverted to calling the side of the coin showing the emperor the obverse.

<sup>511</sup> This arrangement of obverse and reverse is used here primarily because inscriptions begin on the religious side and end on the imperial side. For instance, the basilicon of Class VIII of Andronicus II-Michael IX (**767**) has on the religious side the inscription  $\overline{\text{IC}} \overline{\text{XC}} \text{KVPIE} \text{BOH}\theta\text{EI}$ , which continues on the imperial side,  $\text{AVTOKPATOPEC} \text{P}\omega\text{MAION}$ . And the Constantinopolitan assarion of Class II of the same reign (**788**) has on the obverse the inscription  $\text{KVPIE} \text{BOH}\theta\text{I}\overline{\text{XCB}} \text{ACIA}$ , followed by  $\Delta\text{PON} \Delta\text{PONI}$  on the reverse.

<sup>512</sup> **393, 637-43, 779, 888-9.**

<sup>513</sup> See Bendall 1984b, *PCPC*, 1995a.

## Abbreviations used in the Catalogue

AE	copper
AR	silver
AV	gold
Bill.	billon
BN	Bibliothèque Nationale, Paris
C.	Constantine
c.	circa
colln.	collection
c-p	collar-piece
d	despot
div.	divitision
DOC IV	see Hendy 1999 in Select Bibliography
DOC V	see Grierson 1999 in Select Bibliography
El.	electrum
e./emp.	emperor
ex	from
fig.	figure
g	grams
gl. cr.	globus cruciger
H.	Helena
jewel.	jewelled
l.	left
LPC	see Bendall - Donald 1979 in Select Bibliography
mm	millimetres
no./nos.	number/numbers
obv.	obverse
PCPC	see Bendall 1988a in Select Bibliography
pl./pls.	plate/plates
prov.	provenance
r.	right
ref.	reference
rev.	reverse
s.	saint
sc.	sceptre
sc. cr.	sceptre cruciger
Sear	see Sear 1987 in Select Bibliography
simpl.	simplified
TE	transposed effigies
var.	variation/variety

## Previous ownership and origins of the coins

The collection which forms this catalogue has a history of exceptional breadth and depth. It has been strengthened by a number of selected pieces, which were obtained from dealers throughout Europe and the USA, although the vendors generally had no information regarding where the coins originated. Moreover, a substantial proportion of the coins came from private collectors and scholars or from museums by exchange. Contributions were also made by various benefactors, who brought valuable supplements to the Byzantine series, turning the Ashmolean collection into an instrument of research and of teaching.

The following two lists give essential information about the modern and the historical sources of the coins. They are intended to be used as indexes to the provenances recorded in the Catalogue, and as a rough guide to the profile and background of the dealers, collectors, scholars and firms that have been involved.

### A. List of previous owners, donors, and dealers

#### AMERICAN NUMISMATIC SOCIETY (ANS)

American repository for numismatics and research centre, which since its founding in 1858 has played an important role in the study and promotion of numismatics both in the USA and overseas. <http://www.amnumsoc.org>. **486**

#### BALDWIN, A.H. & SONS

Long-established London coin dealers since the 1890s. S. Bendall was for nineteen years (1968-87) a member of the firm. <http://www.baldwin.sh>. **2, 29, 38, 39, 110, 119, 136, 140-3, 205, 503, 642, 673, 676, 682, 684, 692, 696, 698, 701, 761, 776, 792-4, 802, 810, 813-4, 837, 839, 841, 872, 881, 901, 902, 987, 1011, 1023**

#### BANK AUFHÄUSER

A Munich private bank, now called Hauck & Aufhäuser, which has had a coin department since 1979. <http://www.hauck-aufhaeuser.de/numismatik>. **441, 660**

#### BANK LEU

A Zurich bank that opened a coin department in 1949. In 1992 the department was changed into a subsidiary of the Bank under the name 'Leu Numismatics Ltd', and in 2005 it became a completely independent company under the name 'LHS Numismatics Ltd'. [www.LHS-Numismatik.com](http://www.LHS-Numismatik.com). **138, 480, 498, 506, 845, 897**

#### BATES, G.E.

American scholar and collector, who formed his collection in Turkey during the 1950s and 1960s. He published a catalogue of his collection in *A Byzantine Coin Collection* (Boston, Mass. 1981). He disposed of his collection the following year to the dealer Harlan J. Berk of Chicago. **242, 307**

#### BEASLEY, E.C.F.

A general collection, from which coins were bought in 1960. **11**



BEMENT, C.S.

An important American collector from Philadelphia (Pennsylvania). His collection of ancient coins was sold through Naville (Geneva) in auction VII, that lasted between 25 and 28 June 1928. **870**

BENDALL, S.

A first class numismatist with originality and wide knowledge. One of the first of the modern generation of collectors and a leading dealer of Byzantine coins. With the publication of his collection in *A Private Collection of Palaeologan Coins*, (Wolverhampton, 1988), he has contributed to the literature of Late Byzantine numismatics the first detailed treatment of Palaeologan coins. His coin collection is the nucleus around which that of the Ashmolean Museum of Late Byzantine coins has been formed. Since 1966 he has been writing articles on rare and Late Byzantine issues, bringing to light a number of new coins. **1, 26-7, 35, 40, 46, 49, 52, 56-7, 61-2, 66-7, 72, 74-9, 84-6, 89-90, 93-8, 103-5, 107-8, 118, 124, 128-35, 137-9, 161-3, 186-91, 193, 195-204, 209-14, 216-20, 224-35, 237-44, 247-61, 263-4, 266-76, 278-85, 291-312, 314-25, 327-35, 337-8, 341-8, 350-1, 354, 356-7, 359-62, 365-6, 368-403, 406-9, 411-2, 414-34, 438-43, 445-6, 448-58, 460-1, 463-4, 466-8, 470-502, 505-12, 514-44, 546-58, 560-610, 613-5, 618-33, 635-41, 643-70, 672, 675, 677-81, 683, 685-91, 693-5, 697, 699-700, 702-60, 762-4, 767-8, 770-1, 773-5, 777-87, 790, 795-801, 803-5, 807-9, 811-2, 815-6, 819-27, 829-31, 833-6, 838, 840, 843-6, 848-68, 870-1, 873-80, 882-7, 890-1, 894-900, 903-30, 932-75, 977-86, 988-1010, 1012-22, 1024-36, 1038-50, 1052-59, 1062, 1066-97, 1099-100, 1102-7, 1109-12, 1115-28**

BERK, H.J.

Important American dealer in Chicago for many years. **581**

BERTELE, T. (1892-1971)

Italian scholar and collector. Before the Second World War he had been in the diplomatic service in the former Yugoslavia, where he acquired most of his coins. He also spent some time in Istanbul. He sold the majority of his coins to Dumbarton Oaks (1956, 1960), and his descendants sold the balance of his collection in 1989, some of which were acquired by the Bibliothèque Nationale and some by S. Bendall. **470, 476, 580, 589, 621, 623, 668, 681, 694, 836, 844, 1093, 1127**

BOUCHIER, E.S.

His coins came by bequest to the Heberden Coin Room in 1930. **184, 207, 504**

BRAUN, B.

Minor American coin dealer in Buffalo, New York state, now deceased. All the coins listed in the Catalogue as being acquired from him come from the 'Peter and Paul' hoard. **24-5, 30-2, 34, 36, 41-5, 47-8, 50-1, 53-5, 58-9, 64-5, 68, 73, 80-3, 87-8, 91-2, 99-102, 106, 125-7, 192, 194, 221-3, 236, 245-6, 262, 273, 277-9, 337, 349, 352-3, 355, 358, 363, 367, 377, 404-5, 410, 413, 435, 462, 465, 1117**

BRIDGE, R.N.

A collector, who ran a travel agency. He sold his collection through Glendining's a few years before he died. After he had decided to sell his collection, he gave S. Bendall the few Palaeologan coins in his collection. **541, 796, 808**

CAHN, A.E.

Director of 'Münzen und Medaillen' in Basel (Switzerland). **861**

CASSAL, R.T.

His collection was sold by Glendining's in the late 1930s. **323**

CHESTER, REVD. GREVILLE T.

Revd. Greville made gifts to the Ashmolean at various dates in the late nineteenth century. **215, 286, 765, 769, 772, 1037**

CLASSICAL NUMISMATIC GROUP (CNG)

American coin dealers since 1975 operating from Lancaster (Pennsylvania) under Victor England. <http://www.cngcoins.com>. **1051, 1060-1, 1063-65**

DUMBARTON OAKS

A scholarly institution in Byzantine humanities founded by Mildred and Robert Woods Bliss, who in 1940 donated their Georgetown house and gardens together with their collection of Byzantine art objects and library to the Trustees of Harvard University. The teaching collection of Byzantine coins was assembled essentially between 1947 and 1960. In 1950 the collection of the archaeologist Thomas Whittemore was bequeathed to Harvard. Although in the series of Dumbarton Oaks Byzantine Collection Publications both the Dumbarton Oaks and the Whittemore collections appear, the Whittemore collection is now kept in the Fogg Art Museum in Cambridge, Mass, and only duplicates from it are deposited at Dumbarton Oaks on permanent loan. Dumbarton Oaks exchanged with S. Bendall their duplicates for his duplicates; most, if not all, of these exchanged coins came from the Bertelè collection. Dumbarton Oaks does no longer make exchanges. <http://www.doaks.org>. **188, 321, 342, 580, 589, 594, 621, 668, 836**

EVANS, A.

Sir Arthur Evans, Keeper of the Ashmolean Museum (1884-1908), on his death in 1941 bequeathed more than 10,000 coins to the Ashmolean. **12, 437, 469, 817, 931; fund: 70, 265, 326, 336, 339-40, 364, 444, 447, 545, 671, 674, 869, 888-9, 892-3**

FAIMALI

An Italian travel agent, who in the 1970s dealt in coins as a hobby. **98**

FALKINER, R.

A friend of the Heberden Coin Room. **1098, 1101, 1108**

FOREIGN PRINCE (Prince Cantacuzene)

Collection of Byzantine coins formed in the seventeenth and eighteenth centuries by the Cantacuzenes, a noble Greek family resident in Moldavia. The gold and silver coins, catalogued by Spink, were sold through Glendining's on 8 December 1922, while the copper coins were sold by Spink to Lord Grantley. **276, 369**

GLENDINING & CO.

Old established coin auctioneers in London since the 1940s. In 2001 Glendining's was incorporated by Bonhams auctioneers. <http://www.bonhams.com>. **210, 323, 493, 689, 766, 815, 818**

GODWYN, C.

Revd. Charles Godwyn bequeathed his coins to the Ashmolean in 1770. **208**

GOODMAN

American dealer and collector living in Geneva in the 1970s. **805, 891**

GORNY

Coin dealers and auctioneers operating since 1978 from Munich. The company subsequently changed its name to 'Gorny & Mosch'. **137**

GRANTLEY, LORD (1855-1943)

An English landowner and collector, who formed a collection of some 50,000 ancient, medieval and modern coins, which were sold by Glendining's in eleven sales at the end of the Second World War (1943-5). Every lot contained many coins, often as many as forty or fifty. Many of his Late Byzantine coins were from the collection of Prince Cantacuzene (Foreign Prince). The Ashmolean collection contains Byzantine coins from the eleventh sale. **70, 265, 276, 281, 294, 326, 336, 339-40, 364, 369, 444, 447, 545, 587, 596, 642, 670-1, 674, 869, 872, 881, 888-9, 892-3, 901-2, 987, 1011, 1023**

HALL, H.P.

Collector, whose collection was sold through Glendining's in the 1950s. **818**

HAY, G.M.R.

Self-employed coin dealer. **232**

HENDY, M.F.

Byzantinist, who first worked in the coin department of the Fitzwilliam Museum in Cambridge, and then as a curator of the P.D. Whitting collection at the Barber Institute of Birmingham University, and as visiting fellow and associate advisor in Byzantine numismatics at Dumbarton Oaks. Author of *Studies in the Byzantine Monetary Economy c. 300-1450* (Cambridge, 1985) and of the *Catalogue of the Byzantine Coins in the Dumbarton Oaks Collection and in the Whittemore Collection* (Washington D.C., 1999), a revisionist successor to his own *Coinage and Money in the Byzantine Empire 1081-1261*, Dumbarton Oaks Studies 12, Washington D.C. 1969. **459**

ILISCH, L.

Leading German expert in Islamic coins who worked for a north German dealer and then briefly for Münzen und Medaillen in Basel. He is now curator of the Islamic coins at the Oriental department of Tübingen University. **255, 790**

KRAAY, C.M.

Keeper of the Heberden Coin Room (1975-82), now deceased. **634**

LONDON STAMP EXCHANGE

Dealer in coins, medals and stamps in London near Charing Cross. It closed in the late 1980s. <http://www.londonstamp.ex.com>. **446**

MABBOTT, T.O.

A keen collector, a professor of English and an expert on the works of Edgar Allen Poe. He had many extremely interesting coins, often in poor condition, a number of which were misidentified in the catalogues of his sales. **418**

MALLOY, A.

Minor dealer in the suburbs of New York. **856**

MELLON, P.

A Greek who formed his collection in Istanbul. His coins were acquired by Bank Leu, who sold some in the Leu Auction 13 (1975) and others through their stock. **138, 228, 251-2, 310, 360, 452, 457, 498, 506, 550, 585, 598, 646, 821, 845, 896-7**

METCALF, D.M.

An excellent scholar far ahead of his time and Keeper of the Heberden Coin Room (1982-1998), who contributed to the growth of the Byzantine coin collection. His research pointed the way and many eminent scholars followed in his footsteps, because his *Coinage in the Balkans 820-1355* (Thessalonica, 1965), which was the precursor to his *Coinage in South-Eastern Europe 820-1396* (London, 1979), shifted the emphasis to an un-worked field of study, monetary history. His novelty lay in the fact that he tabulated a mass of evidence from hoards in his attempt to interpret as correctly as possible the numismatic evidence, and to assess the commercial, military, and other uses of money in his area of study. **10, 17-23, 111-7, 120-3**

MILAS

A Greek doctor living in Istanbul, where he formed his collection. In early 1970s he emigrated to Athens, where he sold his coins to a Greek collector. **522**

MILNE, J.G. (1867-1951)

A scholar in the fields of Numismatics and Egyptology, and the Deputy Keeper of the Heberden Coin Room (1931-1938). **513**



#### MÜNZEN UND MEDAILLEN (M & M)

A firm of coin dealers and auctioneers in Basel (Switzerland) which was created in 1942 under the name Münzhandlung. Today there are also branches in Germany (Weil am Rhein) and in the USA (Washington DC). <http://www.muenzenundmedaillendeutschland.de>. **791**

#### NUMISMATIC FINE ARTS (NFA)

NFA was originally the trading name of Edward Gans, who sold the name on his retirement. The revived company was founded by Bruce McNall until it collapsed in 1994. **586**

#### O'HARA, M.D.

A collector of Byzantine coins, who worked for about two years for a coin dealer, 'D.J. Crowther', which later, after O'Hara had left, became 'Coins and Antiquities'. He disposed of his Byzantine bronze and silver coins in the mid-1970s, in order to focus on collecting Byzantine gold coins. **237, 247, 345, 431-2, 474, 526, 569, 597, 645**

#### OMAN, C.W.C.

Collector. **842**

#### PAPPADOPOULOS

Greek consul general in Istanbul in the early 1970s. **483**

#### RATTO, R. (1864-1949)

A coin dealer in Milan. The Ratto sale of Byzantine coins, whose catalogue was published (*Monnaies byzantines et d'autres pays contemporaines à l'époque byzantine*, Lugano, 1930; repr. Amsterdam 1959), was the first specific sale of Byzantine coins since the Photiades Pasha sale in the 1890s (which was not actually sold in auction, even though the catalogue was published, as the collection was purchased privately by the Hermitage before the auction). **622, 899**

#### RHODES, N.

English collector of Oriental and Islamic coins, and treasurer of the Royal Numismatic Society. **779, 819**

#### ROPER, I.T.

English collector. Many of his coins, which he sold in November 1975, were illustrated in the first edition (1974) of Seaby's *Standard Catalogue of Byzantine Coins and their Values*. **130, 272, 482, 505, 514, 525, 563-4, 590, 615, 618-20, 638, 649, 657, 782, 1007-8, 1020**

#### SABIN GALLERIES

English antique dealers since 1963. **11, 69, 289-90, 313, 559, 612, 788**

#### SALIS (de) J.F.W. (1825-1871)

Byzantinist, scholarly collector and numismatist, working in, but not employed by the Department of Coins and Medals of the British Museum. By 1855 he had formed an important collection of Greek, Roman, Byzantine and Swiss coins, which are now in the British Museum. **320**

#### SCHULMAN, J.

An important firm of coin dealers and auctioneers in Amsterdam since the late nineteenth century which ceased trading several years ago. **438**

#### SEPHERIADES, E.

Greek coin dealer and founder member of the International Association of Professional Numismatists (IAPN) in 1951. **304**

#### SLOCUM, J.J.

American diplomat and collector, specialized in Crusader and Islamic coins. **418**

#### SPINK

Leading auction house in London since 1666. Spink has been publishing since 1892 the *Numismatic Circular*, which is the oldest established periodical of its kind today. S. Bendall was a member of the firm from 1965-68 and from 1996-2000, and is still a consultant. <http://www.spink.com>. **3-9, 14-5, 109, 144-51, 154-60, 164-83, 185, 1113-4**

#### STERNBERG, F.

Dealers and auctioneers in Zurich. **505, 597**

#### STEWART, J.R.

Australian archaeologist working in Cyprus for several years after the Second World War. **13, 436**

#### SUBAK, C.H.

Coin dealer in Chicago, and benefactor of the Heberden Coin Room. **617**

#### VECCHI, I.

Together with his brother, Paul, Italo Vecchi set up a coin business. At that time he held several auctions at the auction house of Bohnams under the name Bohnam-Vecchi. Then, he accepted an offer to run the coin department of the Swiss Credit Bank in Berne. When the coin department closed, he returned to London. There he set up his company until 2000, when he joined the Classical Numismatic Group as the managing director in Europe. **424**

#### WADDINGTON, H.

The collection of Horace Waddington was presented to University College in Oxford by Mrs. Waddington in 1932, and was deposited in the Ashmolean on loan in the same year. **206**

#### WALKER, D.R.

Oxford scholar and publisher (B.A.R.), who bequeathed his coin collection to the Ashmolean, in 1991. **136, 205, 503, 766, 776, 847, 976**

#### WELLER, H.

American amateur coin dealer basically resident in Turkey and active from the mid-1960s until c. 1990. **37, 60, 529, 548, 554, 558, 583, 601, 610, 616, 637, 641, 643, 665**

WINFIELD, D.

An academic expert in Byzantine architecture, who worked on church restoration in Trebizond in the 1960/1970s, when he acquired a small collection of interesting coins found locally. **595, 1005, 1017**

ZACOS, G. (1911-1983)

Byzantinist and dealer, who started in the bazaar in Istanbul and became a leading coin and antiquity dealer. From Turkey, he moved to Basel in Switzerland, where S. Bendall knew him in the 1970s and early 1980s. When in Istanbul, he had put aside Byzantine copper coins in reasonable condition, which he always meant to work upon in his retirement, but he was also collecting Byzantine lead seals. In the end he decided to concentrate on the seals, and he sold his Byzantine coins. Strangely, most of the coins in the *Numismatic Circular* articles of Veglery and Zacos belonged to Veglery. **46, 229-30, 266, 454, 460, 524, 527-8, 531, 538, 540, 543, 546-7, 560, 567, 654, 795, 801, 804, 865, 866, 884, 1021-2**

## B. List of hoards

AGRINION, Agrinio or environs, 1977/1978

Burial: 1240. *295 (out of 310) AV: hyperpyra*  
John II (1118-1143), 3; Manuel I (1143-1180), 7; Andronicus I (1183-1185), 2; Isaac II (1185-1195), 18; Alexius III (1195-1203), 23; John III (1222-1254), 242.  
Reference: Metcalf 1980, pp. 113-31, pls. 15-20. **197, 201-2, 204**

BENDALL/1979, unknown provenance

Burial: c. 1425-1448 *9 AR: 1/2 stavrata.*  
Manuel II (1391-1425), 5; John VIII (1425-1448), 4.  
Other finds: Islamic silver coins.  
References: Bendall 1979c, p. 441.  
Touratsoglou 1985, pp. 1105, 1106-7. **922, 928, 940**

BERGAMA (II), environs of Bergama

Burial: 1270s (after 1272) *18 AE: stamena*  
Michael VIII (1259-1282), 12; Michael VIII-Andronicus II (1272-1282), 6.  
References: Grierson 1999, pp. 13, 118, table 8.  
Weller 1969, pp. 235-46. **570, 613-4, 616**

CONSTANTINE XI, in or near Istanbul, 1990

Burial: c. 1448-1453 *158 AR: 59 stavrata, 11 1/2 stavrata, 88 1/8 stavrata*  
John V (1341-1391), 2 1/8 stav.; John VII (1390), 3 1/8 stav.; Manuel II, (1391-1425), 12 1/8 stav.; Manuel II or John VII, 4 1/8 stav.; John VIII (1425-1448), 46 (24 stav., 6 1/2 stav., 16 1/8 stav.); Constantine XI (1449-1453), 90 (35 stav., 5 1/2 stav., 50 1/8 stav.); John VIII or Constantine XI, 1 1/8 stav.  
Reference: Bendall 1991, pp. 134-42. **1052, 1055-7, 1059, 1062, 1076, 1081-5, 1089, 1092, 1095**

GORLU, east of Edirne (Adrianople), 1981/1982

Burial: 1437-1444 *1899 AR: 1169 stavrata, 686 1/2 stavrata, 44 1/8 stavrata*  
John V, 2 1/8 stav.; John VII (1399-1402), 31 (19 1/2 stav., 12 1/8 stav.); Manuel II (1391-1423), 225 (19 stav., 191 1/2 stav., 15 1/8 stav.); John VIII (1423-1448), 1641 (1150 stav., 476 1/2 stav., 15 1/8 stav.).  
Other finds: 2500 Ottoman aches.  
References: Bendall 1988a, pp. 79-80.  
Idem 1991, pp. 136, 138-9. **905, 907-16, 918, 930, 936-7, 944, 950, 955, 959-61, 964-8, 970, 972-4, 977-8, 980-1, 984, 1051, 1060-1, 1063-5, 1086-8, 1090-1**

ISTANBUL (VII), environs of Istanbul, 1981

Burial: c. 1305 *c. 188 (larger hoard?) AV: hyperpyra*  
John III (1222-1254), 14; Michael VIII (1259-1282), 48; Andronicus II (1282-1294), 40;  
Andronicus II-Michael IX (1294-1320), 86.  
Reference: Bendall 1982a, pp. 66-82, pls. 13-20. **485, 488-91, 494, 497-8, 503, 629, 707, 711, 713-5, 722, 726-7, 743, 750**

PELLA, in or near Pella, mid. 1960s

Burial: late 1350s *8 AE: 2 assaria, 6 stamena*  
Andronicus III (1328-1341), 1 assarion; John V-Anna of Savoy (1352-1365), 7 (1 assarion, 6 stamena).  
References: Grierson 1999, p. 16.  
Bendall – Nicol, 1977, pp. 87, 97-9, pl. 9.  
Bendall 1984e, pp. 144, 156.  
Protonotarios 1990, pp. 119-28, pls. 14, 15.  
Morrisson 2003, p. 195. **868**

PETER AND PAUL

Burial: ¾ 13<sup>th</sup> c. *1120 bill.: aspra trachea*  
Imitative coinage of the period of the Asenid Tsars of Bulgaria (c. 1195-), 77; Latin Imitations, 951 (*Recte* 952); Theodore I (1204/5-1222), 5 (*Recte* 3); John III (1222-1254), 10 (*Recte* 15); Theodore II (1254-1258), 4 (*Recte* 0); Theodore Comnenus-Ducas (1224-1230), 10; Manuel Comnenus-Ducas (1230-1237), 42; John Comnenus-Ducas (1237-1242), 9; John III/Thessalonica (1246-1254), 8; Uncertain, 4.  
Reference: Metcalf 1973, pp. 144-72. **24-5, 30-2, 34, 36, 41-5, 47-8, 50-1, 53-5, 58-9, 64-5, 68, 73, 80-3, 85-8, 91-3, 96, 99-102, 106, 125-6, 127, 192, 194, 221-3, 236, 245-6, 262, 273, 277-80, 337, 349, 352-3, 355, 358, 363, 367, 377, 402, 404-5, 410, 413, 435, 462, 465, 1117, 1122**

THESSALONICA (VII), 2001

Burial: 1325-1328 *146/147 (larger hoard) AE: 123/124 stamena; 23 assaria*  
Michael VIII (1258-1272), 1 stamenon; Michael VIII-Andronicus II (1272-1282), 1 stamenon; Andronicus II (1282-1294), 8: 5 stamena, 3 assaria; Andronicus II-Michael IX (1294-1320), 27 stamena; Andronicus II (1320-1325), 82 stamena; Andronicus III (1328-1341), 20 assaria; Uncertain, 3 stamena; New Types, 4-5 stamena.  
Reference: Bendall 2001, pp. 255-77, pls. 45-50. **602, 669, 680**



THRACIAN PLAIN or Thessalonica environs, 1975/1976  
Burial: c. 1240-1260 552 bill.: *aspra trachea*  
Direct Copies, 21; Latin Imitations, 283; Theodore I (1204/5-1222), 1; John III (1222-1254), 3; Andronicus I/Trebizond (1222-1235), 1; Theodore Comnenus-Ducas (1224-1230), 4; Manuel Comnenus-Ducas (1230-1237), 70; John Comnenus-Ducas (1237-1244), 115; Uncertain: 54.  
Other finds: 1 coin of Ivan II Asen (1218-1241).  
Reference: Bendall 1978a, pp. 105-15. **84, 98, 350, 354, 362, 365-6, 372, 374-6, 378-86, 390-401, 403, 406-9, 411, 414-5, 417, 421, 424-6, 430-2, 466, 1120**

TURKISH, possibly from Nicaean territory, 1967  
Burial: c. 1215-1220 245 bill.: *aspra trachea*  
Manuel I (1143-1180), 45; Isaac II (1185-1195), 47; Alexius III (1195-1203), 73; Latin Imitations, 25; Theodore I (1204/5-1222), 55.  
Reference: Metcalf 1976-78, pp. 55-70. **3-9, 14-5, 109, 144-51, 154-60, 164-83, 185, 1113-4**

YENIMAHALLE, environs of Istanbul, before 1967  
Burial: c. 1215-1225 152 bill.: *aspra trachea*  
Isaac II (1185-1195), 1; Alexius III (1195-1203), 1; Latin Imitations, 150.  
Reference: Hendy 1969, p. 401. **1-2, 26-7, 29, 107, 110, 118-9, 124, 1106**

**Bibliographic abbreviations**

AAA	<i>Αρχαιολογικά Ανάλεκτα ἐξ Αθηνών</i>
AJN	<i>American Journal of Archaeology</i>
ANSMN	<i>(American Numismatic Society) Museum Notes</i>
Αρχ. Δελτ.	<i>Αρχαιολογικό Δελτίο</i>
BABesch	<i>Bulletin Antieke Beschaving</i>
CNA	<i>Cronica numismatică și arheologică</i>
DOP	<i>Dumbarton Oaks Papers</i>
DOS	<i>Dumbarton Oaks Studies</i>
ΔΧΑΕ	<i>Δελτίο της Χριστιανικής Αρχαιολογικής Εταιρείας</i>
HBN	<i>Hamburger Beiträge zur Numismatik</i>
IAI	<i>Izvestija na Archeologičeski Institut (= Bulletin de l'Institut archéologique, Sofia)</i>
JIAN	<i>Journal international d'archéologie numismatique</i>
NC	<i>Numismatic Chronicle</i>
NCirc	<i>Spink's Numismatic Circular</i>
REB	<i>Revue des études byzantines</i>
RIN	<i>Rivista italiana di numismatica</i>
RN	<i>Revue numismatique</i>
SCN	<i>Studii și cercetări de numismatică</i>
SM	<i>Schweizer Münzblätter</i>

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## CATALOGUE



## Latin Empire (1204-1261)

### Constantinople

#### Billon Trachy, Billon

**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$  in upper field. Virgin seated upon throne with back; holds beardless, nimbate head of Christ on breast.

**Rev.:**  $\text{MANOVH}\Lambda$  –  $\Delta\text{E}\Sigma\text{ΠOTHC}$  or  $\text{MANOVH}\Lambda$  –  $\Pi\text{O}\rho\Phi\text{V}\rho\text{O}\Gamma\text{EN}$  Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum on long shaft; l. hand anexikakia.

Sear 2021; *DOC* IV, Type A, pl. XLVIII, 1

- 1** 31 mm / 3.94 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$   
**Ref.:** *DOC* IV, pl. XLVII, 1.9.  
**Prov.:** Bendall colln., from Yenimahalle hoard



- 2** 29 mm / 3.33 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\Theta$   
**Ref.:** Metcalf 1983, pls. 27, 29, no. 626 (*this coin*); idem 1995, pls. 34, 36, no. 814 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Baldwin May 1969, from Yenimahalle hoard



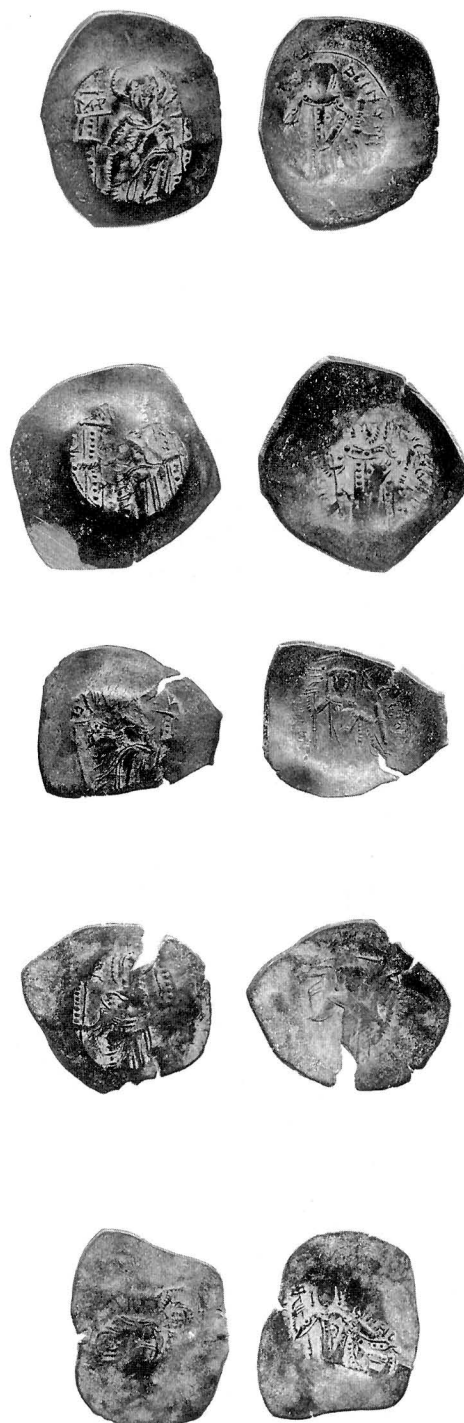
- 3** 29 mm / 3.20 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\text{OV}}$   
**Ref.:** Metcalf 1983, pl. 27, no. 627 (*this coin*); idem 1995, pl. 34, no. 815 (*this coin*); idem 1976-78, p. 65, specimen 166 (*this coin*); Lianta 2006a, fig. 1 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 4** 30 mm / 3.64 g / 6 o'clock  
**Obv.:**  $\overline{\text{MH}}$  –  $\Theta$   
**Rev.:**  $\Delta/\text{EC}$  on r.  
**Ref.:** Metcalf 1983, pl. 27, no. 628 (*this coin*); idem 1995, pl. 34, no. 816 (*this coin*); idem 1976-78, p. 65, specimen 167 (*this coin*); Lianta 2006a, fig. 2 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 5 30 mm / 3.75 g / 6 o'clock  
**Obv.:** ΜΡ  
**Rev.:** ΔCCΠΟΤΗ on r.  
**Ref.:** Metcalf 1983, pl. 27, no. 629 (*this coin*); idem 1995, pl. 34, no. 817 (*this coin*); idem 1976-78, p. 65, specimen 169 (*this coin*); Lianta 2006a, fig. 3 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 6 30.5 mm / 3.94 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 27, no. 630 (*this coin*); idem 1995, pl. 34, no. 818 (*this coin*); idem 1976-78, p. 65, specimen 170 (*this coin*); Lianta 2006a, fig. 4 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 7 26 mm / 2.23 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 28, no. 631 (*this coin*); idem 1995, pl. 35, no. 819 (*this coin*); idem 1976-78, p. 65, specimen 174 (*this coin*); Lianta 2006a, fig. 5 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 8 27 mm / 2.30 g / 6 o'clock  
**Rev.:** Δ on r.  
**Ref.:** Metcalf 1983, pl. 28, no. 632 (*this coin*); idem 1995, pl. 35, no. 820 (*this coin*); idem 1976-78, p. 65, specimen 177 (*this coin*); Lianta 2006a, fig. 6 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 9 28 mm / 1.94 g / 6 o'clock  
**Rev.:** ΟΤΗC on r.  
**Ref.:** Metcalf 1983, pl. 28, no. 633 (*this coin*); idem 1995, pl. 35, no. 821 (*this coin*); idem 1976-78, p. 65, specimen 175 (*this coin*); Lianta 2006a, fig. 7 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 10 27 mm / 2.27 g / 6 o'clock  
**Rev.:** MAN – IC  
**Ref.:** Metcalf 1983, pl. 28, no. 634 (*this coin*); idem 1995, pl. 35, no. 822 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982 (gift), from Attic hoard
- 11 24.5 mm / 2.98 g / 6 o'clock  
**Obv.:** ΘΧ on r.  
**Ref.:** Metcalf 1983, pl. 28, no. 635 (*this coin*); idem 1995, pl. 35, no. 823 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Sabin Galleries 1960, from C.F. Beasley colln.
- As last, but small module.*  
Sear 2044; DOC IV, Type A, pl. LII, 30
- 12 23.5 mm / 2.27 g / 6 o'clock  
**Rev.:** Π on r.  
**Ref.:** Metcalf 1983, pl. 28, no. 638 (*this coin*); idem 1995, pl. 35, no. 826 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Evans bequest 1941
- 13 22.5 mm / 1.68 g / 6 o'clock  
**Ref.:** Metcalf 1995, pl. 35, no. 835 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Stewart colln. 1983
- 14 24 mm / 1.32 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 28, no. 636 (*this coin*); idem 1995, pl. 35, no. 824 (*this coin*); idem 1976-78, p. 65, specimen 178 (*this coin*); Lianta 2006a, fig. 8 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 15 23 mm / 1.34 g / 6 o'clock  
**Obv.:** ΘV  
**Ref.:** Metcalf 1983, pl. 28, no. 637 (*this coin*); idem 1995, pl. 35, no. 825 (*this coin*); idem 1976-78, p. 65, specimen 179 (*this coin*); Lianta 2006a, fig. 9 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 16 23 mm / 1.73 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 28, no. 639 (*this coin*);  
idem 1995, pl. 35, no. 827 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Cameron  
bequest 1948
- 17 24 mm / 1.98 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$   
**Rev.:** CCΠII on r.  
**Ref.:** Metcalf 1983, pl. 28, no. 640 (*this coin*);  
idem 1995, pl. 35, no. 828 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), from Thessaly hoard
- 18 25 mm / 1.56 g / 6 o'clock  
**Obv.:** O  
**Ref.:** Metcalf 1983, pl. 28, no. 641 (*this coin*);  
idem 1995, pl. 35, no. 829 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), from Thessaly hoard
- 19 21 mm / 1.77 g / 6 o'clock  
**Obv.:** Θ  
**Ref.:** Metcalf 1983, pl. 28, no. 642 (*this coin*);  
idem 1995, pl. 35, no. 830 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), from Thessaly hoard
- 20 19.9 mm / 1.46 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 28, no. 643 (*this coin*);  
idem 1995, pl. 35, no. 831 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens 1959
- 21 20 mm / 1.40 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 28, no. 644 (*this coin*);  
idem 1995, pl. 35, no. 832 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens 1963
- 22 20.2 mm / 2.16 g / 6 o'clock  
**Rev.:** NV on l.  
**Ref.:** Metcalf 1983, pl. 28, no. 645 (*this coin*);  
idem 1995, pl. 35, no. 833 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens 1963



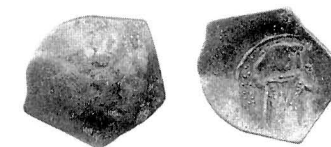
- 23 20.5 mm / 0.97 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 28, no. 646 (*this coin*);  
idem 1995, pl. 35, no. 834 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens 1963



- 24 20 mm / 1.64 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 28, no. 647 (*this coin*);  
idem 1995, pl. 35, no. 836 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun  
(Ancient Arts) 31/12/1969, from Peter and  
Paul hoard



- 25 20 mm / 0.84 g (clipped) / 6 o'clock  
**Obv.:** Brockage of the reverse.  
**Rev.:** Pseudo-inscription of dots on l.  
**Ref.:** Metcalf 1983, pl. 28, no. 648 (*this coin*);  
idem 1995, pl. 35, no. 837 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun  
(Ancient Arts) 31/12/1969, from Peter and  
Paul hoard



**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in upper field. Christ, bearded and nimbate, seated upon throne with back;  
holds Gospel in l. hand.

**Rev.:** ΜΑΝΟΒΗΛ – ΔΕΣΠΟΤΗΣ or ΜΑΝΟΒΗΛ – ΠΟΡΦΥΡΟΓΕΝ Full-length  
figure of emperor wearing stemma, div. and chlamys; r. hand sword resting on ground;  
l. hand gl. cr.

Sear 2022; *DOC* IV, Type B, pl. XLIX, 2

- 26 34 mm / 4.25 g / 6 o'clock  
**Obv.:**  $\overline{\text{C}}$  –  $\overline{\text{X}}$   
**Rev.:**  $\overline{\text{IIIVHΛ}}$  –  $\overline{\text{ΠOVII}}$   
**Prov.:** Bendall colln., from Yenimahalle hoard



- 27 32 mm / 4.18 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$   
**Rev.:**  $\overline{\text{IIIIOTIC}}$  – ΜΑΝΟΒ  
**Ref.:** *DOC* IV, pl. XLIX, 2.7-2.9; Bendall  
1984d, p. 78, no. 3 (*this coin*).  
**Prov.:** Bendall colln., from Yenimahalle hoard





- 28 32.5 mm / 4.11 g / 6 o'clock  
**Rev.:** ΜΙ...VΗΛ – ΔΕCΠΤΙ  
**Ref.:** Metcalf 1983, pl. 28, no. 649 (*this coin*);  
idem 1995, pl. 35, no. 838 (*this coin*).  
**Prov.:** Old Ashmolean colln., from F. Douce  
bequest 1834



- 29 35 mm / 3.01 g / 6 o'clock  
**Rev.:** ΔΕCΤΗ – ΙΙΟVΗΛ  
**Ref.:** Metcalf 1983, pl. 28, no. 650 (*this coin*);  
idem 1995, pl. 35, no. 839 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Baldwin  
May 1969, from Yenimahalle hoard



- 30 20 mm / 0.92 g (clipped) / 6 o'clock  
**Obv.:** IC  
**Rev.:** ΟΤIC – ΜΑΙΙΟΙ  
**Ref.:** Metcalf 1983, pl. 29, no. 651 (*this coin*);  
idem 1995, pl. 36, no. 840 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun  
(Ancient Arts) 31/12/1969, from Peter and  
Paul hoard



- 31 25 mm / 2.13 g / 6 o'clock  
**Rev.:** NNANNN on r.  
**Ref.:** Metcalf 1983, pl. 29, no. 652 (*this coin*);  
idem 1995, pl. 36, no. 841 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun  
(Ancient Arts) 31/12/1969, from Peter and  
Paul hoard



*As last, but small module.*  
Sear 2045; *DOC IV*, Type B, pl. LIII, 31

- 32 22 mm / 1.65 g / 6 o'clock  
**Obv.:** C – X  
**Rev.:** III on r.  
**Ref.:** Metcalf 1983, pl. 29, no. 653 (*this coin*);  
idem 1995, pl. 36, no. 842 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun  
(Ancient Arts) 31/12/1969, from Peter and  
Paul hoard



- 33 20 mm / 0.97 g / 6 o'clock  
**Rev.:** Λ on l.  
**Ref.:** Metcalf 1983, pl. 29, no. 654 (*this coin*);  
idem 1995, pl. 36, no. 843 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Cameron  
bequest 1942



**Obv.:** ΜΡ ΘV in upper field. Virgin, seated upon throne with back; holds beardless,  
nimbate head of Christ on breast.  
**Rev.:** ΑΛΕΞΙΟC ΔΕCΠΟΤ Emperor seated upon throne without back, wearing  
stemma, div., c-p, and panelled loros of simpl. type; r. hand labarum-headed sceptre; l.  
hand anexikakia. *Manus Dei* in upper field.  
Sear 2023; *DOC IV*, Type C, pl. XLIX, 3

- 34 23 mm / 1.34 g (clipped) / 6 o'clock  
**Rev.:** ΔC...ΠΟΤIC on r.  
**Ref.:** *DOC IV*, pl. XLIX, 3.1.  
**Prov.:** Old Ashmolean colln., from B. Braun  
(Ancient Arts) 31/12/1969, from Peter and  
Paul hoard



**Obv.:** IC XC in field. Bust of Christ, beardless and nimbate; holds scroll in l. hand.  
Pellet in each limb of nimbus cross.  
**Rev.:** ΜΑΝΟVΗΛ – ΔΕCΠΟΤΗC Full-length figure of emperor wearing stemma, div.,  
c-p, jewel. loros of simpl. type, and sagion; r. hand sc. cr.; l. hand gl. cr.  
Sear 2024; *DOC IV*, Type D, pl. XLIX, 4

- 35 29.8 mm / 3.58 g / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** Μ – CΣΠΟΤ  
**Ref.:** *DOC IV*, pl. XLIX, 4.2.  
**Prov.:** Bendall colln.



- 36 23.5 mm / 1.62 g (clipped) / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** Μ – Δ  
**Ref.:** Metcalf 1973, pl. 8, no. 12 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun  
(Ancient Arts) 31/12/1969, from Peter and  
Paul hoard



- 37 30.5 mm / 4.12 g / 5 o'clock  
**Prov.:** Old Ashmolean colln., ex H. Weller Apr. 1968



- 38 28 mm / 2.57 g / 6 o'clock  
**Rev.:** ...OTH on r.  
**Prov.:** Old Ashmolean colln., from Baldwin 1976



- 39 27 mm / 3.28 g / 6 o'clock  
**Obv.:**  $\overline{\text{C}} - \overline{\text{X}}\text{C}$   
**Rev.:** ...IC on r.  
**Prov.:** Old Ashmolean colln., from Baldwin 1976



**Obv.:**  $\overline{\text{C}} - \overline{\text{X}}\text{C}$  in field. Bust of Christ, beardless and nimbate; holds scroll in l. hand. Pellet in each limb of nimbus cross.

**Rev.:** ΜΑΝΟΒΗΛΑ - ΔΕΣΠΟΤΗC Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type, and sagion; r. hand labarum-headed sceptre; l. hand globus surmounted by patriarchal cross.

Sear 2025; *DOC IV*, Type E, pl. XLIX, 5

- 40 29.9 mm / 4.40 g / 6 o'clock  
**Obv.:**  $\overline{\text{C}} - \overline{\text{X}}$   
**Rev.:** ...OT on l.  
**Prov.:** Bendall colln.



- 41 25 mm / 2.41 g / 6 o'clock  
**Obv.:**  $\overline{\text{C}} - \overline{\text{X}}\text{C}$   
**Rev.:** ...ΙΟ - ...Π  
**Ref.:** Metcalf 1973, pl. 8, no. 15 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 42 24 mm / 2.09 g / 6 o'clock  
**Obv.:** Christ holds scroll (?) in l. hand.  
**Ref.:** Metcalf 1973, pl. 8, no. 16 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 43 23 mm / 2.71 g / 6 o'clock  
Type E or K  
**Obv.:** Christ holds scroll or Gospel in l. hand.  
**Ref.:** *DOC IV*, pl. XLIX, 5 or pl. L, 11; Sear 2025 or 2031; Metcalf 1973, pl. 8, no. 17 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:**  $\overline{\text{C}} - \overline{\text{X}}\text{C}$  in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction, holds Gospel in l.

**Rev.:** (ΜΑΝΟΒΗΛΑ ΔΕΣΠ?) Full-length figure of emperor on l., crowned by Virgin, nimbate. Emperor wears stemma, div. and chlamys; r. hand labarum on long shaft; l. hand anexikakia.

Sear 2026; *DOC IV*, Type F, pl. XLIX, 6

- 44 21.5 mm / 1.52 g (clipped) / 6 o'clock  
**Obv.:**  $\overline{\text{X}}\text{C}$   
**Rev.:** ΜΡΟC on r.  
**Ref.:** Metcalf 1973, pl. 8, no. 18 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 45 22 mm / 1.29 g (clipped) / 6 o'clock  
**Rev.:** || || || ||  
**Ref.:** Metcalf 1973, pl. 8, no. 20 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard

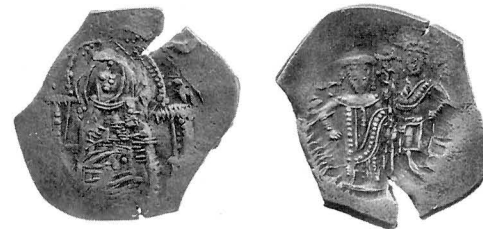


**Obv.:** ΜΡ ΘΥ in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast.

**Rev.:** ΜΑΝΟΥΗΛ (ΔΕΣΠ?) Full-length figure of emperor on l., and of beardless, nimbate military saint; between them labarum on long shaft. Emp. wears stemma, div. and chlamys; hand sc. cr. Saint wears short military tunic and sagion; l. hand jewelled sc.

Sear 2027; *DOC IV*, Type G, pl. XLIX, 7

- 46 30.5 mm / 4.03 g / 6 o'clock  
**Ref.:** Sear 2027 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



- 47 21.5 mm / 1.42 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 8, no. 22 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 48 24 mm / 2.81 g / 6 o'clock  
**Rev.:** A on l.  
**Ref.:** Metcalf 1973, pl. 8, no. 21 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** ΜΡ ΘΥ in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast.

**Rev.:** ΑΝΔΡΟΝΙΚΟΣ ΔΕΣΠΟΤΗΣ .ΙC XC in upper r. field. Full-length figure of emperor on crowned by Christ, bearded and nimbate. Emp. wears stemma, div., c-p, panelled loros of sim type and sagion; r. hand labarum-headed sc., l. hand gl. cr. Christ holds Gospel in l. hand.

Sear 2028; *DOC IV*, Type H, pl. L, 8

- 49 30 mm / 4.27 g / 6 o'clock  
**Obv.:** ΜΡ – Θ  
**Prov.:** Bendall colln.



- 50 23 mm / 1.64 g (clipped) / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 8, no. 23 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 51 24 mm / 1.45 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Full-length figure of St. Michael, nimbate, wearing short military tunic and sagion; r. hand jewelled sc., l. hand gl. cr.

**Rev.:** ΝΙΚΑ ΔΕΣΠΟΤΗΣ Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sword resting over shoulder, l. hand gl. cr.

Sear 2030; *DOC IV*, Type J, pl. L, 10

- 52 29.8 mm / 4.39 g / 6 o'clock  
**Ref.:** *DOC IV*, pl. L, 10.4; Sear 2030 (*this coin*).  
**Prov.:** Bendall colln.



- 53 21 mm / 1.48 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 8, no. 26 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 54 24.5 mm / 1.89 g  
**Obv.:** Brockage of the reverse.  
**Ref.:** Metcalf 1973, pl. 8, no. 27 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



*As last, but small module.*

Sear - ; *DOC IV*, -

- 55 19.5 mm / 1.88 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 8, no. 28 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard





**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$  in field. Three-quarter-length figure of Virgin nimbate, orans.

**Rev.:**  $\overline{\text{U}}/\Delta/\epsilon/\Pi/\text{O}/\Gamma/\text{HC}$  to l.,  $\text{O}/\Gamma/\epsilon$  to r. Full-length figure of emperor on l., and of St. George, beardless and nimbate; between them patriarchal cross on long shaft and three steps. Emp. wears stemma, div. and chlamys. Saint wears short military tunic, breastplate and sagion; l. hand sword, point resting on ground.

Sear 2034; *DOC* IV, Type N, pl. L, 14

56 32 mm / 2.86 g / 6 o'clock

**Obv.:**  $\overline{\text{MP}}$

**Rev.:**  $\text{O}/\Gamma/\epsilon$  to r.

**Prov.:** Bendall colln.



57 26.5 mm / 4.36 g / 6 o'clock

**Obv.:**  $\overline{\text{MP}}$

**Rev.:**  $\dots/\Gamma$  to l.,  $\Gamma$  to r.

**Prov.:** Bendall colln.



58 20.5 mm / 1.84 g (clipped) / 6 o'clock

**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\text{OX}}$

**Rev.:**  $\Delta/\epsilon/\text{C}/\Pi/\text{O}/\Gamma$  to l.

**Ref.:** Metcalf 1973, pl. 9, no. 32 (*this coin*).

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



59 21 mm / 1.08 g / 6 o'clock

**Obv.:**  $\overline{\text{OX}}$

**Rev.:**  $\Gamma$  to r.

**Ref.:** Metcalf 1973, pl. 9, no. 31 (*this coin*).

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



60 24.5 mm / 1.94 g / 6 o'clock

**Rev.:**  $\Gamma$  to r.

**Prov.:** Old Ashmolean colln., ex H. Weller Apr. 1968



**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel. Pellet in each limb of nimbus cross.

**Rev.:**  $\overline{\text{U}}/\Delta/\text{CC}/\Pi$  to l.,  $\text{I}/\Pi/\text{O}/\text{P}/\text{P}/\text{V}$  to r. Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; r. hand labarum on long shaft; l. hand gl. cr.

Sear 2035; *DOC* IV, Type O, pl. L, 15

61 27.5 mm / 3.50 g / 6 o'clock

**Obv.:**  $\text{C}$  –  $\overline{\text{XC}}$

**Rev.:**  $\text{I}/\Pi/\dots/\text{P}/\text{V}/\Gamma$  to r.

**Ref.:** Sear 2035 (*this coin*).

**Prov.:** Bendall colln.



62 27.5 mm / 3.44 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$  –  $\text{X}$

**Rev.:**  $\Gamma/\omega/\Pi$  to r.

**Prov.:** Bendall colln.



63 28 mm / 3.37 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$

**Rev.:**  $\Pi/\text{O}/\text{P}$  to r.

**Prov.:** Old Ashmolean colln.



64 21 mm / 2.21 g (clipped) / 6 o'clock

**Ref.:** Metcalf 1973, pl. 9, no. 34 (*this coin*).

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



65 22 mm / 1.36 g (clipped) / 6 o'clock

**Obv.:**  $\text{IC}$

**Rev.:**  $\text{I}/\Pi/\text{P}$  to r.

**Ref.:** Metcalf 1973, pl. 9, no. 35 (*this coin*).

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



As last, but small module.

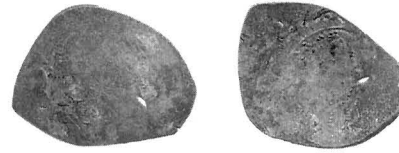
Sear - ; *DOC IV*, -

66 24 mm / 1.25 g

**Obv.:** Full-length figure of Christ; r. hand raised in benediction.

**Rev.:** Full-length figure of emperor, wearing short military tunic; r. hand labarum on long shaft.

**Prov.:** Bendall colln.



**Obv.:** IC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellet in each limb of nimbus cross.

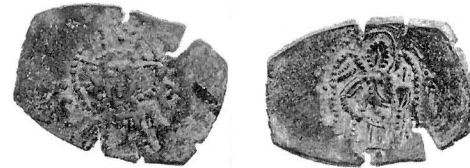
**Rev.:** X/A to l., X/M to r. Full-length figure of St. Michael nimbate, wearing short military tunic, breastplate and sagion; r. hand jewelled, trifold sc.; l. hand gl. cr.

Sear 2036; *DOC IV*, Type P, pl. LI, 16

67 28 mm / 2.61 g / 6 o'clock

**Obv.:** C - X

**Prov.:** Bendall colln.



68 20.5 mm / 1.44 g (clipped) / 6 o'clock

**Obv.:** IC

**Ref.:** Metcalf 1973, pl. 9, no. 43 (*this coin*).

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



69 27 mm / 3.81 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** X to r.

**Prov.:** Old Ashmolean colln., from Sabin galleries 1960



70 25 mm / 2.69 g / 6 o'clock

**Obv.:** C - XC

**Rev.:** X/M to r.

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



71 26 mm / 4.20 g / 6 o'clock

**Obv.:** C - X

**Prov.:** Old Ashmolean colln., 11/1/1967



**Obv.:** IC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel. Pellet in each limb of nimbus cross.

**Rev.:** MP ΘV in field. Full-length figure of Virgin nimbate, orans.

Sear 2038; *DOC IV*, Type R, pl. LI, 18

72 29 mm / 3.86 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** MP - ΘV

**Prov.:** Bendall colln.



73 21 mm / 1.91 g (clipped) / 6 o'clock

**Obv.:** C - XC

**Rev.:** Θ

**Ref.:** Metcalf 1973, pl. 9, no. 46 (*this coin*).

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** O ΑΓΙΟΣ ΠΕΤΡΟΣ in two columnar groups. Full-length figure of St. Peter, bearded and nimbate, wearing tunic and kolobion; r. hand sc. cr.; l. hand two keys.

**Rev.:** MP ΘV Η ΑΓΙΟΚΟΡΙΤΙΣΣΑ in two columnar groups. Full-length figure of Virgin Hagiosoritissa nimbate, orans, turned to r. *Manus Dei* in upper r. field.

Sear 2039; *DOC IV*, Type S, pl. LI, 19

74 33 mm / 3.26 g (pierced) / 6 o'clock

**Obv.:** O/A/Π/OC to l., Π/Ε/Τ to r.

**Rev.:** MP HA/ΓΙΟ/O to l.

**Ref.:** Sear 2039 (*this coin*).

**Prov.:** Bendall colln.



75 26.5 mm / 3.20 g / 6 o'clock

**Obv.:** Π/Ε/Τ to r.

**Rev.:** MP - ΘV HA/ΓΙΟ/O to l., TΙ/C to r.

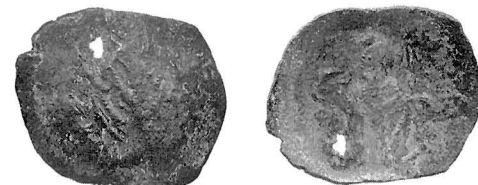
**Prov.:** Bendall colln.



- 76 30.5 mm / 3.45 g (pierced) / 6 o'clock  
**Prov.:** Bendall colln.



- 77 29 mm / 2.78 g (pierced) / 6 o'clock  
**Prov.:** Bendall colln.



**Obv.:** ΜΡ ΘΥ Η ΑΓΙΟCΟΡΙΤΙCΑ in two columnar groups. Full-length figure of Virgin Hagiosoritissa nimbate, orans. *Manus Dei* in upper r. field.

**Rev.:** Ο ΑΓΙΟC ΠΕΤΡΟC Ο ΑΓΙΟC ΠΑΥΛΟC in two columnar groups. Full-length figure of St. Peter, on l., and St. Paul, on r., nimbate, wearing tunic and kolobion, embracing each other. St. Peter has short beard, St. Paul a long one.  
 Sear 2040; *DOC* IV, Type T, pl. LI, 20

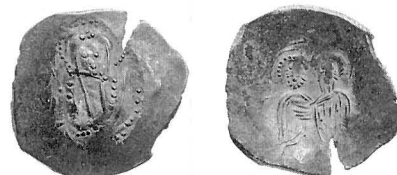
- 78 28 mm / 4.00 g / 6 o'clock  
**Obv.:** Γ to r.  
**Rev.:** ΠΙ/ΟC/Ε/Ρ to l.  
**Prov.:** Bendall colln.



- 79 27 mm / 3.47 g / 6 o'clock  
**Obv.:** Τ to r.  
**Rev.:** ΟΛ/Ε to l., Π/Υ to r.  
**Prov.:** Bendall colln.



- 80 25 mm / 2.36 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 9, no. 51.  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 81 21 mm / 1.08 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 9, no. 54 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 82 20 mm / 1.76 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 9, no. 53 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 83 25 mm / 1.69 g / 6 o'clock  
**Rev.:** Pseudo-inscription.  
**Ref.:** Metcalf 1973, pl. 9, no. 52 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Ο ΑΓΙΟC ΝΙΚΟΛΑΟC in two columnar groups. Half-length figure of St. Nicholas, bearded and nimbate, orans, wearing episcopal vestments, of which omophorion is visible.

**Rev.:** ΑΓΙΟC ΙΩ Ο ΠΡΟΔΡΟΜΟC in two columnar groups. Full-length figure of St. John the Baptist, bearded and nimbate, wearing tunic and cloak; r. hand patriarchal cross on long shaft; l. hand outstretched (?)  
 Sear 2041 (but incorrect description); *DOC* IV, Type U, pl. LI, 21

- 84 23.5 mm / 1.50 g / 6 o'clock  
**Rev.:** Ο/ΡΟ to r.  
**Ref.:** Bendall 1978a, p. 109, specimen 45 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 85 23 mm / 1.82 g / 6 o'clock  
**Ref.:** *DOC* IV, pl. LI, 21.4; Sear 2052 (*this coin*, but as small module).  
**Prov.:** Bendall colln., from Peter and Paul hoard



- 86 24 mm / 2.04 g / 6 o'clock  
**Prov.:** Bendall colln., from Peter and Paul hoard



- 87 23.5 mm / 1.70 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 10, no. 57 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard





- 88 22 mm / 1.12 g / 6 o'clock  
**Rev.:** ΙΩ/ΟΠ/ΡΟ to r.  
**Ref.:** Metcalf 1973, pl. 10, no. 60 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Ο ΛΓΙΟC Full-length figure of beardless and nimbate saint wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.  
**Rev.:** ΚΟΜΝΗΝΟC Emperor seated upon throne with back, wearing stemma, div., c-p and jewelled loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.  
 Sear 2042; *DOC IV*, Type V, pl. LI, 22

- 89 27 mm / 2.98 g / 6 o'clock  
**Obv.:** ΟΛΙΟ on l.  
**Prov.:** Bendall colln.



- 90 26.5 mm / 1.95 g / 6 o'clock  
**Rev.:** K on r.  
**Prov.:** Bendall colln.



- 91 23 mm / 2.03 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 92 21.5 mm / 1.48 g / 6 o'clock  
**Rev.:** ΚΟΜΝΙΟC on r.  
**Ref.:** Metcalf 1973, pl. 8, no. 29 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 93 22 mm / 1.10 g / 6 o'clock  
**Prov.:** Bendall colln., from Peter and Paul hoard



**Obv.:** Cross on base. IC in upper quarters, NK in lower quarters.  
**Rev.:** Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; r. hand spear; l. hand gl. cr.  
 Sear 2043; *DOC IV*, Type W, pl. LII, 23

- 94 29.5 mm / 4.14 g  
**Obv.:** K on lower r.  
**Prov.:** Bendall colln.



- 95 29 mm / 2.18 g (pierced)  
**Obv.:** N  
**Prov.:** Bendall colln.



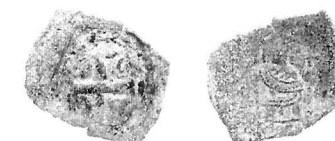
- 96 20.5 mm / 1.09 g (clipped) / 6 o'clock  
**Obv.:** C/K  
**Ref.:** Metcalf 1973, pl. 9, no. 36 (*this coin*).  
**Prov.:** Bendall colln., from Peter and Paul hoard



- 97 19.5 mm / 1.20 g (clipped)  
**Prov.:** Bendall colln.



- 98 21 mm / 1.35 g (clipped) / 6 o'clock  
**Obv.:** C  
**Prov.:** Bendall colln., from Faimali 23/10/1978 (gift), from Thracian Plain hoard



- 99 23 mm / 1.68 g (clipped) / 6 o'clock  
**Obv.:** C  
**Ref.:** Metcalf 1973, pl. 9, no. 39 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 100 20 mm / 1.37 g (clipped)  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



101 24 mm / 1.19 g (clipped) / 6 o'clock

**Obv.:** C

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



102 20 mm / 1.86 g (clipped)

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Full-length figure of beardless and nimbate saint wearing short military tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield.

**Rev.:** Full-length figure of emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand trilobate sceptre; l. hand gl. cr.  
Sear - ; *DOC* IV, - ; Metcalf 1973, pl. 9, no. 30

103 26 mm / 3.50 g / 6 o'clock

**Obv.:** O/A/Γ/I to l., C to r.

**Prov.:** Bendall colln.



104 27.5 mm / 2.94 g / 6 o'clock

**Obv.:** O/A/Γ/I to l., O/C to r.

**Prov.:** Bendall colln.



105 22 mm / 1.53 g / 6 o'clock

**Obv.:** O/C to r.

**Prov.:** Bendall colln.



106 22 mm / 1.90 g / 6 o'clock

**Obv.:** C to r.

**Ref.:** Metcalf 1973, pl. 9, no. 30 (*this coin*).

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



## Thessalonica

### Billon Trachy, Billon

**Obv.:** IC XC in field. Christ, bearded and nimbate, seated upon throne without back; l. hand Gospel.

**Rev.:** Half-length figure of emperor wearing stemma, div., c-p, and panelled loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.  
Sear 2055; *DOC* IV, Type A, pl. LII, 24

107 28 mm / 2.19 g / 6 o'clock

**Obv.:** IC - XC Star above cushion of throne, to either side.

**Prov.:** Bendall colln., from Yenimahalle hoard



108 27 mm / 2.35 g / 6 o'clock

**Obv.:** Star above cushion of throne, to either side.

**Prov.:** Bendall colln.



109 29 mm / 2.74 g / 6 o'clock

**Obv.:** Star above cushion of throne, on r.

**Ref.:** Metcalf 1983, pl. 29, no. 655 (*this coin*); idem 1995, pl. 36, no. 844 (*this coin*); idem 1976-78, p. 66, specimen 180 (*this coin*).

**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



110 28 mm / 2.67 g / 5 o'clock

**Obv.:** Star above cushion of throne, on l.

**Ref.:** Metcalf 1983, pl. 29, no. 656 (*this coin*); idem 1995, pl. 36, no. 845 (*this coin*).

**Prov.:** Old Ashmolean colln., from Baldwin May 1969, from Yenimahalle hoard



111 25 mm / 2.06 g / 6 o'clock

**Obv.:** X

**Ref.:** Metcalf 1983, pl. 29, no. 657 (*this coin*); idem 1995, pl. 36, no. 846 (*this coin*).

**Prov.:** Old Ashmolean colln., ex Metcalf 1982 (gift), bought in Athens



- 112 26 mm / 2.53 g / 6 o'clock  
**Obv.:** X Star in r. field.  
**Ref.:** Metcalf 1983, pl. 29, no. 658 (*this coin*);  
idem 1995, pl. 36, no. 847 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens

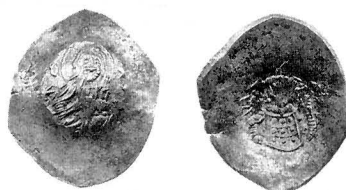


- 113 23 mm / 1.70 g / 6 o'clock  
**Obv.:** IC – X Star in l. field.  
**Ref.:** Metcalf 1983, pl. 29, no. 659 (*this coin*);  
idem 1995, pl. 36, no. 848 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens

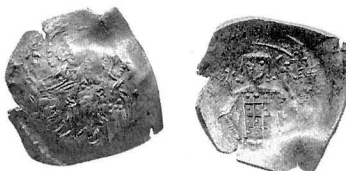


*As last, but small module.*  
Sear 2047; *DOC IV*, Type D, pl. LIII, 33

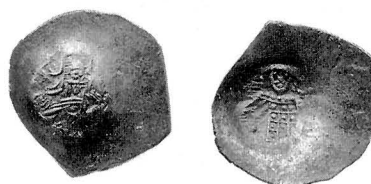
- 114 24 mm / 1.32 g / 6 o'clock  
**Obv.:** C  
**Ref.:** Metcalf 1983, pl. 29, no. 660 (*this coin*);  
idem 1995, pl. 36, no. 849 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens



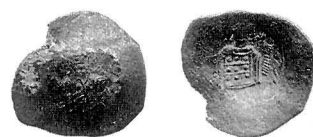
- 115 23 mm / 1.07 g / 6 o'clock  
**Obv.:** IC  
**Ref.:** Metcalf 1983, pl. 29, no. 661 (*this coin*);  
idem 1995, pl. 36, no. 850 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), from Thessaly hoard



- 116 24 mm / 1.70 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 29, no. 662 (*this coin*);  
idem 1995, pl. 36, no. 851 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), from Thessaly hoard



- 117 19 mm / 1.19 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 29, no. 663 (*this coin*);  
idem 1995, pl. 36, no. 852 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), from Thessaly hoard

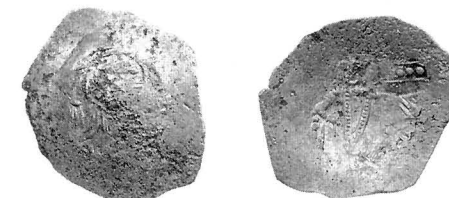


**Obv.:** IC XC in field. O/EM/MA to l., NΔ/HA to r. Bust of Christ Emmanuel, bearded  
(*sic*) and nimbate; l. hand scroll.  
**Rev.:** ΤΥΚΟΜΝ Full-length figure of emperor wearing stemma, div. and chlamys; r.  
hand labarum-headed sc.; l. hand gl. cr.  
Sear 2056; *DOC IV*, Type B, pl. LII, 25

- 118 28 mm / 2.36 g / 7 o'clock  
**Obv.:** IC – X O/EM/MA to l., NΔ/HA to r.  
**Prov.:** Bendall colln., from Yenimahalle hoard



- 119 29 mm / 2.33 g / 6 o'clock  
**Ref.:** Metcalf 1983, pl. 29, no. 664 (*this coin*);  
idem 1995, pl. 36, no. 853 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Baldwin  
May 1969, from Yenimahalle hoard



- 120 28 mm / 1.77 g / 6 o'clock  
**Obv.:** IC – X .../EM/A to l., N/H to r.  
**Ref.:** Metcalf 1983, pl. 29, no. 665 (*this coin*);  
idem 1995, pl. 36, no. 854 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens



- 121 27 mm / 2.52 g / 6 o'clock  
**Obv.:** C O/EM/MA to l., H to r.  
**Ref.:** Metcalf 1983, pl. 29, no. 666 (*this coin*);  
idem 1995, pl. 36, no. 855 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens



- 122 25 mm / 2.76 g / 6 o'clock  
**Obv.:** IC O/EM to l., N/H to r.  
**Ref.:** Metcalf 1983, pl. 29, no. 667 (*this coin*);  
idem 1995, pl. 36, no. 856 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens



- 123 25.5 mm / 2.37 g / 6 o'clock  
**Obv.:** I/II/ to l.  
**Ref.:** Metcalf 1983, pl. 29, no. 668 (*this coin*);  
idem 1995, pl. 36, no. 857 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex Metcalf 1982  
(gift), bought in Athens





**Obv.:** IC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel. Cross above cushion of throne, to r.

**Rev.:** ΗΑΓΙΑ ΕΛΕΝΗ ΘΚΟΤΑΝΤ Full-length figure of St. Helena, on l., and St. Constantine bearded, on r.; between them patriarchal cross on long shaft and step. Both wear stemma, di c-p, and jewel. loros of simpl. type. H: jewel. sc.; C: sc. cr.

Sear 2057; *DOC IV*, Type C, pl. LII, 26

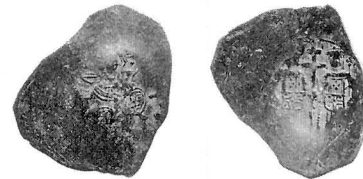
- 124 32 mm / 4.26 g / 6 o'clock  
**Prov.:** Bendall colln., from Yenimahalle hoard



*As last, but small module.*

Sear 2049; *DOC IV*, Type F, pl. LIII, 35

- 125 23 mm / 1.33 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 10, no. 78 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 126 25 mm / 1.58 g (clipped) / 9 o'clock  
**Obv.:** IC  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



## Nicaea

### Billon Trachy, Billon

**Obv.:** Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.

**Rev.:** Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear resting over shoulder.

Sear 2050; *DOC IV*, Type G (small module), pl. LIII, 36

- 127 21 mm / 1.48 g  
**Obv.:** Brockage (?) of the reverse.  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



## Thessalonica

### Half-tetarteron, AE

**Obv.:** ΜΡ ΘΥ in field. Bust of Virgin nimbate.

**Rev.:** Leaved patriarchal cross.

Sear 2058; *DOC IV*, Type A, pl. LII, 27

- 128 19 mm / 2.04 g / 6 o'clock  
**Prov.:** Bendall colln.



**Obv.:** Η ΑΓΙΑ ΕΛΕΝΗ in columnar group to l. Full-length figure of St. Helena, nimbate, turned slightly to r., wearing stemma, div., c-p and jewel. loros of simpl. type; l. hand patriarchal cross with flourish on shaft.

**Rev.:** ΟΑΓΙΟC – ΚΟΝΤΑΝΤ Full-length figure of St. Constantine, bearded, turned slightly to r., wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand patriarchal cross; l. hand anexikakia.

Sear 2059; *DOC IV*, Type B, pl. LII, 28

- 129 18 mm / 2.17 g / 6 o'clock  
**Obv.:** Η/ΑΓΙ/ΑΕ/ΛΕ/ΝΗ to l.  
**Rev.:** ΓΙΟC – ΚΟCΤΑΤΗΝ  
**Ref.:** Sear 2059 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** IC XC in field. Full-length figure of Christ, standing on dais, bearded and nimbate; r. hand raised in benediction; l. hand Gospel.

**Rev.:** Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; r. hand spear (?), l. hand gl. cr.

Sear 2060; *DOC IV*, Type C, pl. LII, 29

- 130 17 mm / 1.70 g / 6 o'clock  
**Obv.:** Ι – ΧC  
**Ref.:** *DOC IV*, pl. LII, 29.1.  
**Prov.:** Bendall colln., from I.T. Roper colln.



- 131 17 mm / 1.16 g / 6 o'clock  
**Obv.:** Χ  
**Ref.:** *DOC IV*, pl. LII, 29.1.  
**Prov.:** Bendall colln.



## Empire of Nicaea: Theodore I Comnenus-Lascaris (1204/5-1222)

### Nicaea

#### Aspron Trachy, Electrum

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in upper field. Christ, bearded and nimbate, seated upon throne with back; l. hand Gospel. Pellets or pellet in each limb of nimbus cross.

**Rev.:**  $\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma\Delta\epsilon\varsigma\pi\omicron\tau - \omicron, \Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$  Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them long shaft, at head of which a star. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.

Sear 2064; *DOC IV*, Type B, pl. XXVII, 2: 1208 - 1212?

132 33 mm / 4.19 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  Pellet in each limb of nimbus cross.

**Rev.:**  $\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma\Delta\epsilon\varsigma\pi - \omicron\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$

**Prov.:** Bendall colln.



133 34 mm / 4.04 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  Pellets in each limb of nimbus cross.

**Rev.:**  $\dots\Delta\epsilon\varsigma - \omicron\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$

**Prov.:** Bendall colln.



134 29 mm / 2.28 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  Pellets in each limb of nimbus cross.

**Rev.:**  $\omicron$  on r.

**Prov.:** Bendall colln., from Istanbul 1970



135 31 mm / 4.30 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{X}}$  Pellets in each limb of nimbus cross.

**Rev.:**  $\Delta\psi\rho\omicron\varsigma\Delta\epsilon\varsigma\pi$  on l.

**Prov.:** Bendall colln.



136 31 mm / 3.59 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  Pellet in each limb of nimbus cross.

**Rev.:**  $\Delta\dots\rho\omicron\varsigma\Delta\epsilon\varsigma\pi - \omicron\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$

**Prov.:** Old Ashmolean colln., from Baldwin July 1978, from D.R. Walker colln.



**Obv.:**  $\text{KERO H}\Theta\epsilon\text{I.}$   $\overline{\text{IC}}$   $\overline{\text{XC}}$  in upper field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel.

**Rev.:**  $\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma\Delta\epsilon\varsigma\pi\omicron\tau - \omicron, \Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$  Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them long shaft, at head of which a star. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sheathed sword point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.

Sear 2065; *DOC IV*, Type C, pl. XXVII, 3: 1205? - 1208?

137 34 mm / 4.21 g / 6 o'clock

**Obv.:**  $\text{KEBO} - \text{H}\Theta\epsilon\text{I.}$   $\overline{\text{IC}}$   $\overline{\text{XC}}$

**Rev.:**  $\omicron\varsigma\Delta\epsilon - \omicron\Theta\epsilon\dots\rho\omicron$

**Prov.:** Bendall colln., from Gorny auction 1996/7



#### Aspron Trachy, Billon

**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$  in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.

**Rev.:**  $\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma - \Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$  Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear resting over shoulder.

Sear 2061; *DOC IV*, First Coinage, pl. XXVII, 5: 1205 - 1212?

138 31 mm / 3.68 g / 6 o'clock

**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$

**Rev.:**  $\omicron\omicron\omicron$  on l.

**Ref.:** Sear 2061 (*this coin*).

**Prov.:** Bendall colln., from Bank Leu 1975, from Mellon colln.



139 29 mm / 3.60 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\text{OV}}$   
**Rev.:**  $\text{O}\Theta\text{E}\text{O}\Delta\omega$  on r.  
**Prov.:** Bendall colln.



140 32 mm / 2.91 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\text{OV}}$   
**Rev.:**  $\text{O}\Theta\text{E}$  on r.  
**Prov.:** Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 1)



141 30 mm / 3.64 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\text{V}}$   
**Rev.:**  $\text{EO}$  on r.  
**Ref.:** *DOC* IV, pl. XXVII, 5a.1 (*this coin?*).  
**Prov.:** Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 2)



142 29 mm / 4.38 g / 6 o'clock  
**Obv.:** — –  $\overline{\text{OV}}$   
**Rev.:**  $\text{O}\Theta\text{E}\text{O}\Delta\omega\text{P}$  on r.  
**Prov.:** Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 3)



143 28 mm / 4.57 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$   
**Rev.:**  $\omega$  on r.  
**Prov.:** Old Ashmolean colln., from Baldwin Nov. 1976, from hoard of 15 coins (specimen 4)



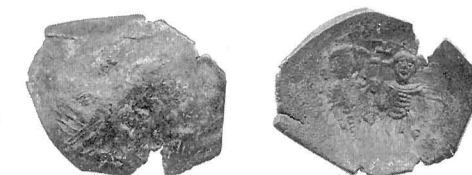
144 27 mm / 3.38 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, pl. 3, specimen 181 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



145 26 mm / 1.98 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\text{OV}}$   
**Rev.:**  $\text{O}\Theta\text{E}\dots\omega$  on r.  
**Ref.:** Metcalf 1976-78, p. 66, pl. 3, specimen 182 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



146 28 mm / 3.05 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, pl. 3, specimen 184 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



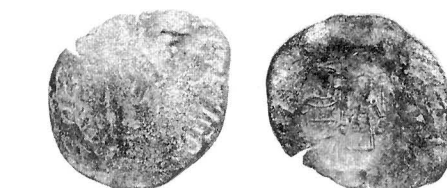
147 26 mm / 2.80 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, pl. 3, specimen 185 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



148 26 mm / 1.91 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\Theta}$   
**Ref.:** Metcalf 1976-78, p. 66, pl. 3, specimen 187 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



149 27 mm / 2.26 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, specimen 188 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



150 27 mm / 2.89 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, pl. 3, specimen 190 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



151 25 mm / 3.16 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, specimen 191 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard





- 152 25 mm / 2.61 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from Munich hoard 1977
- 153 27 mm / 3.31 g / 6 o'clock  
**Obv.:** — on r.  
**Prov.:** Old Ashmolean colln., from Munich hoard 1977
- 154 25 mm / 3.30 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, specimen 193 (?) (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 155 28 mm / 3.15 g / 5 o'clock  
**Obv.:**  $\overline{\text{MP}} - \overline{\Theta}$   
**Ref.:** Metcalf 1976-78, p. 66, pl. 4, specimen 196 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 156 26 mm / 1.80 g  
**Ref.:** Metcalf 1976-78, p. 66, specimen 197 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 157 25 mm / 1.52 g  
**Obv.:** Brockage of the reverse.  
**Ref.:** Metcalf 1976-78, p. 66, pl. 4, specimen 198 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 158 23 mm / 1.23 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, specimen 199 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 159 23.5 mm / 1.54 g / 6 o'clock  
**Ref.:** Metcalf 1976-78, p. 66, specimen 200 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard
- 160 22 mm / 0.94 g / 6 o'clock  
**Obv.:**  $\overline{\Theta}$   
**Ref.:** Metcalf 1976-78, p. 66, pl. 4, specimen 201 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



**Obv.:**  $\overline{\text{IC}} \overline{\text{XC}}$  in field. Christ, bearded and nimbate, seated upon throne without back; l. hand Gospel.  
**Rev.:**  $\overline{\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma} \overline{\Delta\epsilon\varsigma\pi\omicron\tau\eta\varsigma} \overline{\kappa\omicron\mu\eta\eta\eta\omicron\varsigma} \overline{\omicron} \overline{\lambda\alpha\kappa\kappa\alpha\rho\eta\varsigma}$  in two columnar groups. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. *Manus Dei* in upper r. field.  
 Sear 2062; *DOC* IV, Second Coinage, pl. XXVIII, 6: 1208

- 161 29 mm / 3.17 g / 6 o'clock  
**Obv.:** — on l.  
**Rev.:**  $\text{N/N/O}$  to l.,  $\text{KOM/NH/O}$  to r. Star inside of emperor's chlamys as it drapes from the arms.  
**Prov.:** Bendall colln.
- 162 30 mm / 2.79 g / 6 o'clock  
**Prov.:** Bendall colln.
- 163 31 mm / 3.16 g / 6 o'clock  
**Rev.:**  $\text{K/KO/.../C/}\Lambda$  to r. Emperor wears chlamys with lozenge decoration.  
**Prov.:** Bendall colln.



- 164** 32 mm / 2.67 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 165** 28 mm / 2.24 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



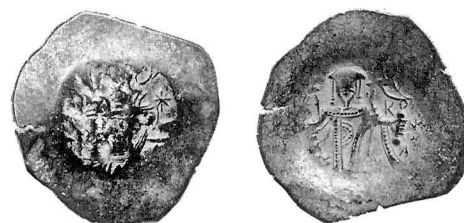
- 166** 30 mm / 3.27 g / 6 o'clock  
**Rev.:** K to r. Star inside of emperor's chlamys as it drapes from the arms.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 167** 32 mm / 2.84 g / 6 o'clock  
**Rev.:** K to r.  
**Ref.:** Metcalf 1976-78, p. 67, pl. 5, specimen 237 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 168** 30 mm / 3.41 g / 6 o'clock  
**Obv.:** Star above cushion of throne on r.  
**Rev.:** KO/NH/.../A to r.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 169** 28 mm / 3.25 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 170** 31 mm / 2.89 g / 6 o'clock  
**Obv.:** IC  
**Rev.:** KO/.../C to r.  
**Ref.:** Metcalf 1976-78, p. 66, pl. 4, specimen 205 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



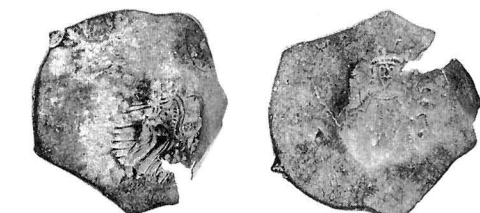
- 171** 29 mm / 3.82 g / 6 o'clock  
**Obv.:** C Star above cushion of throne on l.  
**Rev.:** K to r.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



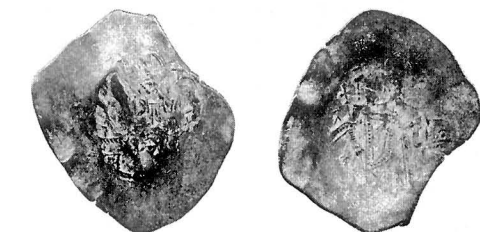
- 172** 30 mm / 3.30 g  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



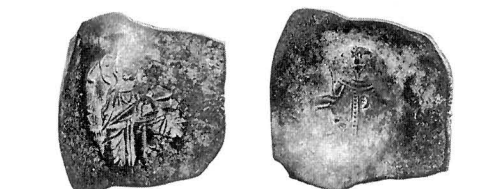
- 173** 29 mm / 3.40 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 174** 30 mm / 1.88 g / 6 o'clock  
**Rev.:** Λ to l. Star in l. field.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 175** 29 mm / 2.90 g / 6 o'clock  
**Obv.:** C Star above cushion of throne on l.  
**Ref.:** Metcalf 1976-78, p. 67, pl. 5, specimen 231 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



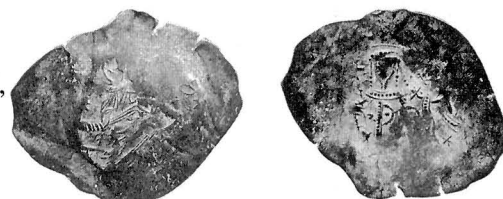
- 176** 28 mm / 3.01 g / 6 o'clock  
**Obv.:** C – X̄ Star above cushion of throne on either side.  
**Rev.:** ω to l. KOM to r. Star on l. and r. in lower field.  
**Ref.:** Metcalf 1976-78, p. 67, pl. 5, specimen 224 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 177** 29 mm / 3.29 g / 6 o'clock  
**Obv.:** Star above cushion of throne on either side.  
**Rev.:** K/M/H to r.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



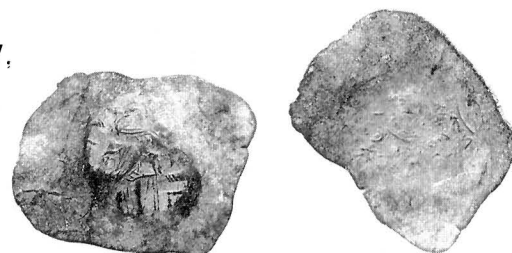
- 178** 31 mm / 2.48 g / 6 o'clock  
**Rev.:** K to r. Star on r., in lower field.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 179** 27 mm / 4.06 g / 6 o'clock  
**Rev.:** ω to l., KOM/N/H to r.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



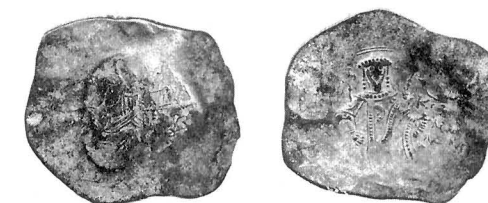
- 180** 33 mm / 2.43 g / 4 o'clock  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



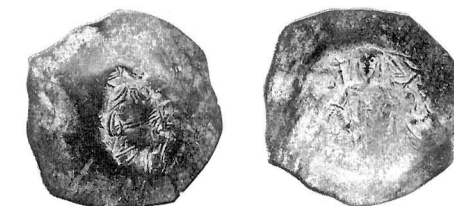
- 181** 29 mm / 3.30 g / 6 o'clock  
**Obv.:** X̄C Star above cushion of throne on r.  
**Rev.:** Star on l., in lower field.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 182** 31 mm / 2.91 g / 6 o'clock  
**Obv.:** XC Star above cushion of throne on either side.  
**Rev.:** KOM/H/N to r.  
**Ref.:** *DOC* IV, pl. XXVIII, 6.7 (*this coin*); Metcalf 1976-78, p. 67, pl. 5, specimen 236 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



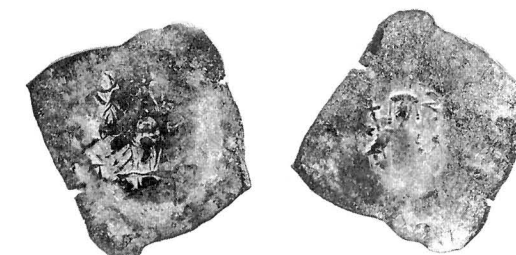
- 183** 28 mm / 3.46 g / 6 o'clock  
**Obv.:** Star above cushion of throne on l.  
**Rev.:** Star on l. and r. in lower field.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



- 184** 29 mm / 3.28 g (pierced) / 6 o'clock  
**Rev.:** ω to l., KOM to r.  
**Prov.:** Old Ashmolean colln., ex E.S. Bouchier 1930



- 185** 33 mm / 3.35 g / 5 o'clock  
**Rev.:** C to l.  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



**Obv.:** IC X̄C in field. Full-length figure of Christ, bearded and nimbate; l. hand Gospel.

**Rev.:** (ΘΕΟΔΩΡΟΣ ΘΕΟΔΩΡΟΣ?) Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them labarum on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand anexikakia; sword hangs point downward to l. of waist. Saint wears short military tunic and breastplate; l. hand spear, resting over shoulder; sword hangs point downward to r. of waist. Sear 2067 (as Magnesian); *DOC* IV, Type C, pl. XXVIII, 7: 1212 - 1221?



- 186 32 mm / 2.55 g / 6 o'clock  
**Obv.:** IC – XC  
**Prov.:** Bendall colln., from Istanbul Aug. 1971



- 187 31 mm / 3.08 g / 6 o'clock  
**Obv.:** IC – XC Uncertain letters in field.  
**Prov.:** Bendall colln., from Izmir July 1981



## Magnesia

### Aspron Trachy, Electrum

**Obv.:** IC XC O EMMAN8HA in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets, normally ::, or pellet, in each limb of nimbus cross.  
**Rev.:** 8EOΔWPOCΔEC – O, 8EOΔWPOC Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them patriarchal cross on long shaft, at the base of which three steps. Emp. wears stemma, div. and chlamys; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.  
 Sear 2066; *DOC IV*, Type D, pl. XXVII, 4: 1212 - 1221?

- 188 30 mm / 2.81 g / 6 o'clock  
**Obv.:** IC – XC O/EM/AM to l., N8/HΛ to r. Pellets, ::, in each limb of nimbus cross.  
**Rev.:** ...WPOCΔC – OI8E  
**Ref.:** *DOC IV*, pl. XXVII, 4.3.  
**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange)



### Aspron Trachy, Billon

**Obv.:** IC XC O EMMAN8HA in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets, normally ::, or pellet in each limb of nimbus cross.  
**Rev.:** (8EOΔWPOC 88EOΔWPOC?) Full-length figure of emperor on l., and of St. Theodor bearded and nimbate; between them patriarchal cross on long shaft, at the base of which three steps. Emp. wears stemma, div. and chlamys; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.  
 Sear 2068; *DOC IV*, Type D, pl. XXVIII, 8: 1212 - 1221?

- 189 30 mm / 4.06 g / 6 o'clock  
**Obv.:** IC – XC O/EM/MΛ to l., N8/HΛ to r. Pellet on l., pellets on r. in each limb of nimbus cross.  
**Prov.:** Bendall colln.



- 190 31 mm / 3.36 g / 6 o'clock  
**Obv.:** XC O/M to l., N8/HΛ to r. Pellets in each limb of nimbus cross.  
**Prov.:** Bendall colln., from Greek collector May 1976



- 191 31 mm / 4.90 g / 6 o'clock  
**Obv.:** IC – XC O/EM/AM to l., N8/HΛ to r. Pellet in each limb of nimbus cross.  
**Prov.:** Bendall colln.



- 192 24 mm / 1.58 g / 6 o'clock  
**Obv.:** IC – XC Pellet in each limb of nimbus cross.  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** IC XC in field. Bust of beardless, nimbate Christ, wearing tunic and kolobion; l. hand scroll. Pellets in each limb of nimbus cross.  
**Rev.:** 8EOΔWPOC ΔECΠOTHC in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type (and sagion?); r. hand labarum-headed sc.; l. hand gl. cr.  
 Sear 2070; *DOC IV*, Type F, pl. XXVIII, 10: 1212 - 1221?

- 193 31 mm / 4.41 g / 6 o'clock  
**Obv.:** C – XC  
**Rev.:** Δ to l., E to r.  
**Ref.:** *DOC IV*, pl. XXVIII, 10.2 (*this coin*); Protonotarios 1974b, pp. 52, 54, no. 3 (*this coin*).  
**Prov.:** Bendall colln.



194 23 mm / 1.36 g (broken) / 6 o'clock

**Obv.:** ΧC

**Rev.:** Δ/Ε/Π/Τ/Η to r.

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Ο ΑΓΙΟΣ ΘΕΟΔΩΡΟΣ in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear over shoulder; l. hand shield.

**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤΗΣ Ο ΚΟΜΝΗΝΟΣ in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr. *Manus Dei* in upper r. field.  
Sear 2071; *DOC IV*, Type G, pl. XXVIII, 11: 1212 - 1221?

195 30 mm / 3.03 g / 6 o'clock

**Obv.:** Ο/Δ/Γ/Ο/Κ to l., ΘΕ/ΟΔΩ/ΡΟ/Κ to r.

**Rev.:** Δ/CC/Π to r.

**Ref.:** *DOC IV*, pl. XXVIII, 11.1 (*this coin*); Bendall – Protonotarios 1976, pp. 46-7, no. 5 (*this coin*).

**Prov.:** Bendall colln.



196 30 mm / 4.24 g / 6 o'clock

**Obv.:** Ο/Α/Π/Ο/Κ to l., ΛΩ/ΡΟ/Κ to r.

**Rev.:** Δ/CC/Π to r.

**Prov.:** Bendall colln.



## John III Ducas, Called Vatatzes (1222-1254)

Magnesia

Hyperpyron, AV

**Obv.:** ΚΕΡΟ ΗΘΕΙ. ΙC ΧC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

**Rev.:** +ΙΩΔΕCΠ. ΜΡ ΘV in upper and r. field. Half-length figure of emperor on l., and of Virgin nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p, and panelled loros of simpl. type; r. hand anexikakia. *Manus Dei* in upper l. field.  
Sear 2072; *DOC IV*, First Coinage, pl. XXIX, 1: 1227 - 1232? (*Recte* John II Comnenus)

197 27 mm / 4.08 g / 6 o'clock

**Obv.:** ΚΕΡΟ – ΗΘΕΙ. ΙC – ΧC

**Rev.:** Θ – ΜΡ

**Ref.:** *DOC IV*, pl. XXIX, 1b.

**Prov.:** Bendall colln., from Agrinion hoard



**Obv.:** As Second Coinage (lacks ΚΕΡΟ ΗΘΕΙ).

**Rev.:** As First Coinage.

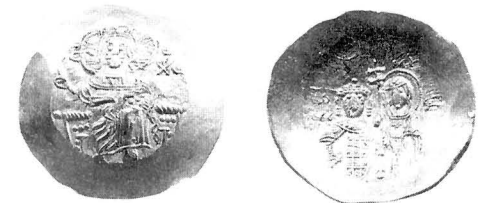
Sear 2072; *DOC IV*, Transitional Coinage (A), pl. XXIX, 2: 1232? (*Recte* John II Comnenus)

198 28 mm / 4.31 g / 6 o'clock

**Obv.:** ΙC – ΧC

**Rev.:** ΙΩ/ΔΕC. ΜΡ – ΘV

**Prov.:** Bendall colln.



199 29 mm / 4.25 g / 6 o'clock

**Obv.:** ΙC – ΧC

**Rev.:** ΩΔΕΤ on l., ΘV – Μ

**Prov.:** Bendall colln.

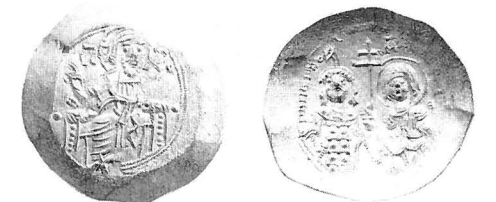


200 28 mm / 4.51 g / 6 o'clock

**Obv.:** ΙC – ΧC (∴ above cushion of throne to l.)

**Rev.:** ΙΩΠΟΤΗ on l., ΜΡ – Θ

**Prov.:** Bendall colln.



**Obv.:** As First Coinage (with ΚΕΡΟ ΗΘΕΙ).

**Rev.:** As Second Coinage.

Sear - ; *DOC IV*, Transitional Coinage (B), pl. XXIX, 3: 1232? (*Recte* John II Comnenus)

201 28 mm / 4.22 g / 6 o'clock

**Obv.:** ΚΕ – ΗΘΕΙ. ΙC – Χ

**Rev.:** Θ – ΜΡ. Δ/ΠΟ/Φ/Ρ to r.

**Ref.:** *DOC IV*, pl. XXIX, 3.2 (*this coin*);

Metcalf 1980, pl. 16, no. 55 (*this coin*).

**Prov.:** Bendall colln., from Greek collector, from Agrinion hoard



**Obv.:** IC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

**Rev.:** IW ΔΕΣΠΟΤΗ ΤΩ (I) ΠΟΡΦΥΡΟΓΕΝΝΗΤΩ (usually abbreviated), in two column groups. MP ΘV in upper and r. field. Full-length figure of emperor on l., crowned by Virgin nimbate. Emperor wears stemma, div., c-p and panelled loros of simplified type; r. hand labarum on long shaft; l. hand anexikakia.

Sear 2073; *DOC IV*, Second Coinage, pls. XXIX-XXX, 4-19: 1232 - 1254?

202 29 mm / 4.60 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** MP - ΘV. IW/ΔΕC/O/TI to l., Π/Φ/Γ to r.

**Ref.:** *DOC IV*, pl. XXIX, 4a.

**Prov.:** Bendall colln., from Agrinion hoard



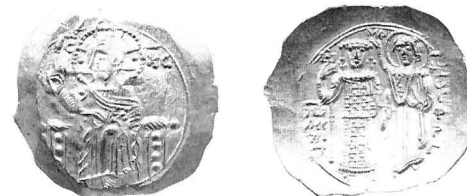
203 28.5 mm / 4.49 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** MP - ΘV. IW/ΔΕC/ΠO/T to l., I/Π/Φ/P/Γ to r.

**Ref.:** *DOC IV*, pl. XXIX, 4b.

**Prov.:** Bendall colln.



204 29 mm / 4.44 g / 6 o'clock

**Obv.:** IC - X (° on cushion above throne to l.)

**Rev.:** MP - ΘV. W/CC to l., I/Π/Φ/V to r.

**Ref.:** *DOC IV*, pl. XXX, 6a.2; Metcalf 1980, pl. 18, no. 117 (*this coin*).

**Prov.:** Bendall colln., from Agrinion hoard



205 29 mm / 4.18 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** MP. IW/ΔΕC/ΠO/T to l., Φ/P/Γ to r.

**Ref.:** *DOC IV*, pl. XXIX, 4.

**Prov.:** Old Ashmolean colln., from Baldwin 1980, from D.R. Walker colln.



206 28.5 mm / 4.43 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** MP. Ψ to l., Γ/Φ/V to r.

**Ref.:** *DOC IV*, pl. XXIX, 4.

**Prov.:** Old Ashmolean colln., from Horace Waddington, University College



207 29 mm / 4.10 g / 6 o'clock

**Obv.:** C - XC (° on cushion above throne to l.)

**Rev.:** MP - ΘV. I/Π/Φ to r.

**Ref.:** *DOC IV*, pl. XXIX, 4.

**Prov.:** Old Ashmolean colln., ex E.S. Bouchier 1930



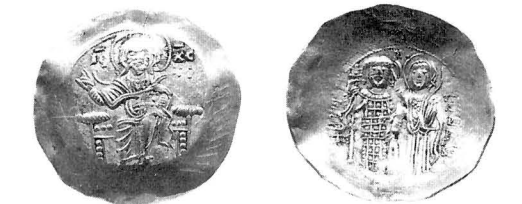
208 28 mm / 4.31 g / 6 o'clock

**Obv.:** IC - XC (Six dots, in two groups of three, in upper r. field.)

**Rev.:** MP. O/T to l., T/Π/Φ/P/Γ/N to r.

**Ref.:** *DOC IV*, pl. XXIX, 4.

**Prov.:** Old Ashmolean colln., from Godwyn



Aspron Trachy, Electrum

**Obv.:** MP ΘV in field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

**Rev.:** IW ΔΕCΠO TIC - O XΛAKITHC. IC XC in upper and r. field. Full-length figure of emperor on l. crowned by Christ Chalcites. Emp. wears stemma, div., c-p, panelled loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr. Christ holds Gospel in l. hand.

Sear 2075; *DOC IV*, Type B, pl. XXXI, 21: 1221?

209 35 mm / 3.28 g / 6 o'clock

**Obv.:** MP - ΘV

**Rev.:** IC - X. IWΛ...IC -...IC

**Prov.:** Bendall colln., from BM (by exchange)



**Obv.:** IC XC O ΕΜΜΑΝΘΗΑ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; holds scroll in l. hand. Pellets, ∴, in each limb of nimbus cross.

**Rev.:** IW[ OΛΓΙΟCΘΕΟΔΩΡΟC Full-length figure of emperor on l., and of St.

Theodore, bearded and nimbate; between them patriarchal cross on long shaft and three steps. Emp. wears stemma, div. and panelled chlamys; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.

Sear 2077; *DOC IV*, Type D, pl. XXXI, 23: 1221 - 1254

210 29 mm / 2.71 g / 6 o'clock

**Obv.:** X Ε to l., N/8 to r.

**Rev.:** Ε/Δ to r.

**Ref.:** Sear 2077 (*this coin*).

**Prov.:** Bendall colln., from Glendining 24/5/1972, lot 64





**Obv.:** ΜΡ ΘΥ in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast. Δ to l., P to r., on back of throne.

**Rev.:** ΙΥ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. ⊙ in upper r. field. Full-length figure of emperor on l., and of St. Constantine; between them long shaft, at the head of which a cross-within-circle, and at the base of which a globe. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr. Saint, similarly dressed, holds sc. cr. in l. hand. Sear 2078; *DOC IV*, Type E, pl. XXXI, 24: 1248

211 31 mm / 2.25 g / 6 o'clock

**Obv.:** ΜΡ – ΘΥ. Α to l., P to r., on back of throne.

**Rev.:** ΙΥ/Δ/ΕC/ΠΟ/ΤΗ to l., ⊙/.../Δ/Κ to r.

**Prov.:** Bendall colln.



**Obv.:** ΙC ΧC Ο ΕΜΜΑΝΥΗΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; holds Gospel in l. hand. Pellets, ∴, in each limb of nimbus cross.

**Rev.:** ΙΥ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand anexikakia. Star on sagion beneath r. arm. *Manus Dei* in upper r. field. Sear 2080; *DOC IV*, Type G, pl. XXXI, 26: 1221 - 1254

212 31 mm / 2.66 g / 6 o'clock

**Obv.:** C – X ΕΗ/Α to l., N to r. Pellet in each limb of nimbus cross.

**Rev.:** ΙΩ to l., Ο/Δ/Κ/Α/C to r. Dots in lower l. field.

**Prov.:** Bendall colln.



**Obv.:** ΙC ΧC in field. Full-length figure of Christ, standing on dais, bearded and nimbate; l. hand Gospel. Big star on either side.

**Rev.:** ΙΥ ΔΕΣΠΟΤΗΣ – ΘΕΟΔΥΡΟC Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate, holding patriarchal cross on long shaft at base of which a large globe. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sheathed sword, point downward. Saint wears short military tunic and breastplate; l. hand sheathed sword, point downward.

Sear 2083; *DOC IV*, Type J, pl. XXXI, 29: 1221 - 1254

213 31 mm / 2.21 g / 6 o'clock

**Obv.:** ΙC – ΧC

**Rev.:** ΩΔCΠΤΗ on l.

**Ref.:** Sear 2083 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** ΙC ΧC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Cross on either side in field.

**Rev.:** ΙΥ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.

Sear 2086; *DOC IV*, Type M, pl. XXXII, 32: 1221 - 1254

214 31 mm / 2.60 g / 6 o'clock

**Obv.:** C

**Rev.:** ΙΙΙΙ on l.

**Prov.:** Bendall colln.



215 28 mm / 2.60 g (pierced) / 6 o'clock

**Obv.:** ΙC – ΧC

**Rev.:** C/O/C to l., Ο/Δ/Κ/Α/C to r.

**Ref.:** *DOC IV*, pl. XXXII, 32.2 (*this coin*).

**Prov.:** Old Ashmolean colln., from Revd. T. Greville Chester 1892



**Obv.:** ΜΡ ΘΥ in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast. Palm branch and motif of four interlaced bands to l. and r. above throne.

**Rev.:** ΙΥ ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. Full-length figure of emperor standing on dais, wearing stemma, short military tunic, breastplate and sagion; r. hand labarum on long shaft; l. hand sword, point downward. *Manus Dei* in upper r. field.

Sear 2087; *DOC IV*, Type N, pl. XXXII, 33: 1221 - 1254

216 28 mm / 2.03 g / 6 o'clock

**Obv.:** ΜΡ – ΘΥ

**Rev.:** ΙΥ/ΔΕC/ΠΤ/Τ/С to l., ΟΔ/Κ to r.

**Ref.:** *DOC IV*, pl. XXXII, 33.1 (*this coin*);

Protonotarios 1974b, pp. 52, 54, no. 5 (*this coin*).

**Prov.:** Bendall colln., from Istanbul 1972



**Obv.:** IC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll or Gospel. B · 8 i field.

**Rev.:** IW ΔΕΣΠΟΤΗΣ Ο ΔΥΚΑC in two columnar groups. Emperor seated on throne with back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia.

Sear 2088A; *DOC* IV, Type Q, pl. XXXII, 34ter: 1221 - 1254

217 32 mm / 2.40 g / 6 o'clock

**Obv.:** C

**Rev.:** T8Δ on r.

**Prov.:** Bendall colln.



218 31 mm / 2.91 g / 6 o'clock

**Obv.:** C - X

**Rev.:** W/EC/ΠO to l.

**Ref.:** Sear 2088A (*this coin*).

**Prov.:** Bendall colln.



#### Aspron Trachy, Billon

**Obv.:** Δ X in upper field. Three-quarter-length figure of St. Michael, wearing short military tunic, breastplate and sagion; r. hand sword, resting over shoulder; l. hand globus.

**Rev.:** IW ΔΕΣΠΟΤΗΣ IC XC in upper field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div. and chlamys; r. hand anexikakia; hand gl. cr. Christ holds Gospel in l. hand.

Sear 2089; *DOC* IV, Type A, pl. XXXII, 35: 1221 - 1254

219 30 mm / 2.65 g (pierced) / 6 o'clock

**Rev.:** XC. I...ΔΕ...ΤΗC on l. Emperor crowned by beardless (?) Christ.

**Ref.:** Sear 2089 (*this coin*).

**Prov.:** Bendall colln., from Israel 1970



220 30.5 mm / 3.57 g / 6 o'clock

**Rev.:** H on l.

**Prov.:** Bendall colln.



221 29 mm / 2.03 g / 6 o'clock

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



222 23 mm / 1.11 g

**Obv.:** Brockage of the reverse.

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



223 19 mm / 1.04 g / 6 o'clock

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** HP ΘV in upper field. Full-length figure of Virgin nimbate; holds beardless, nimbate head of Christ on breast. Large cross on either side in field.

**Rev.:** O/ΔX/KA/C. IC XC in upper and r. field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div. and panelled chlamys; r. hand labarum-headed sc.; l. hand anexikakia. Christ holds Gospel in l. hand. Sear 2091; *DOC* IV, Type C, pl. XXXII, 37

224 26.5 mm / 2.77 g / 6 o'clock

**Obv.:** HP - ΘV

**Rev.:** XC. OΔY/K/C to r.

**Prov.:** Bendall colln.



225 28 mm / 4.73 g / 6 o'clock

**Obv.:** HP - ΘV

**Rev.:** XC. W/Δ/C/T to l., O/Δ/K/A to r.

**Prov.:** Bendall colln.



**Obv.:** IC XC in upper field. Full-length figure of Christ, bearded and nimbate; r. hand raised in benediction; l. hand Gospel. Cross on either side in field.

**Rev.:** IWΔ – OΔK. MHP OV in upper r. field. Figure of emperor on l., and of Virgin nimbate between them patriarchal cross on long shaft at the base of which a globe. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc. Sear 2092; *DOC IV*, Type D, pl. XXXII, 38: 1221 - 1254

226 29 mm / 3.03 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** IWΔ on l.

**Ref.:** *DOC IV*, pl. XXXII, 38.2 (*this coin*).

**Prov.:** Bendall colln., from Greek collector 1970 (gift)



227 28 mm / 3.70 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** Θ. ΩΙ – OΔK

**Prov.:** Bendall colln.



**Obv.:** IC XC O EΠHΛIYHΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets, ∴, in each limb of nimbus cross.

**Rev.:** IW ΔEΠOYHC O ΔXKAC in two columnar groups. Full-length figure of emperor on l., and of St. Constantine bearded; between them patriarchal cross at the base of which three steps. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc. Saint similarly dressed; l. hand sc. cr.

Sear 2093; *DOC IV*, Type E, pl. XXXII, 39: 1221 - 1254

228 33 mm / 4.00 g / 6 o'clock

**Obv.:** X E/HH to l. Pellet in each limb of nimbus cross.

**Rev.:** CCΠ on l.

**Ref.:** Sear 2093 (*this coin*).

**Prov.:** Bendall colln., from Mellon colln.



229 30 mm / 4.19 g / 6 o'clock

**Obv.:** IC – X E/HH/A to l., I/H to r.

**Rev.:** OΔX to r.

**Prov.:** Bendall colln., from G. Zacos colln.



230 33 mm / 4.12 g / 6 o'clock

**Obv.:** C – X OE/HA to l., I to r. Pellets in the upper limb of nimbus cross.

**Rev.:** C to l., OΔ/C to r.

**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel. Pellet in each limb of nimbus cross.

**Rev.:** IW ΔEΠOYHC O ΔXKAC in two columnar groups. Full-length figure of emperor, wearing stemma, div. and chlamys; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.

Sear 2094; *DOC IV*, Type F, pl. XXXII, 40: 1221 - 1254

231 32 mm / 2.81 g / 6 o'clock

**Obv.:** C – XC

**Rev.:** OΔXK/C to r.

**Prov.:** Bendall colln.



232 30 mm / 3.32 g / 6 o'clock

**Obv.:** C – XC

**Rev.:** OΔXK to r.

**Prov.:** Bendall colln., from G.M.R. Hay 19/1/1976



**Obv.:** MHP OV in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

**Rev.:** IW OΔXKAC in two columnar groups. Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr. Star often on sagion to l. or to r. (or both).

Sear 2095; *DOC IV*, Type G, pl. XXXIII, 41: 1221 - 1254

233 26 mm / 1.87 g / 5 o'clock

**Rev.:** ΔXK/C to r. Emperor wears div. and chlamys. Star on sagion to l.

**Prov.:** Bendall colln., bought in Munich Oct. 1988





- 234 27 mm / 1.21 g / 6 o'clock  
**Rev.:** Emperor wears div. and chlamys. Star on sagion to r. and l.  
**Prov.:** Bendall colln.



- 235 30 mm / 2.26 g / 6 o'clock  
**Obv.:** ΜΡ – ΘΥ  
**Rev.:** ΟΛΘΚΑC on r. Emperor holds in l. hand globus surmounted by patriarchal cross. Star on sagion to r. and l.  
**Prov.:** Bendall colln.



- 236 22 mm / 1.70 g (clipped) / 6 o'clock  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard

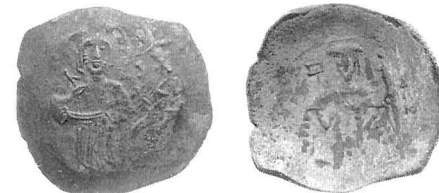


**Obv.:** ΙC XC XAAKITHC in two columnar groups. Full-length figure of Christ Chalcites, standing on dais; r. hand raised in benediction; l. hand Gospel.  
**Rev.:** ΙΥ ΟΛΘΚΑC in two columnar groups. Full-length figure of emperor standing on dais, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand sheathed sword, point downward.  
 Sear 2096; *DOC IV*, Type H, pl. XXXIII, 42: 1221 - 1254

- 237 28 mm / 2.31 g / 6 o'clock  
**Obv.:** ΧΚ/Τ/С to r.  
**Rev.:** ΟΔ/ΘΚ/С to r.  
**Prov.:** Bendall colln., ex O'Hara



- 238 28 mm / 2.57 g / 6 o'clock  
**Obv.:** ΧΧ KKI/H to r.  
**Rev.:** Δ/Κ to r.  
**Prov.:** Bendall colln.



- 239 26 mm / 3.07 g / 6 o'clock  
**Obv.:** C O to l., KI/ΤI to r.  
**Rev.:** Ω/С to l., Δ/ΘΚ/С to r.  
**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellets, ∴, in each limb of nimbus cross.

**Rev.:** ΙΥ – ΛΘΚΔ Half-length figure of emperor, wearing stemma, div., panelled loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

Sear 2098; *DOC IV*, Type J, pl. XXXIII, 44: 1221 - 1254

- 240 27 mm / 2.34 g / 6 o'clock  
**Obv.:** C – XC  
**Rev.:** ΙΩ – ΛΘΚΔ  
**Prov.:** Bendall colln.



**Obv.:** @ ΔΗΜΗΤΙΟC in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.

**Rev.:** ΙΥ ΔΕCΠ – ΟΛΘΚΑC Emperor seated upon throne with back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.  
 Sear 2099; *DOC IV*, Type K, pl. XXXIII, 45: 1221 - 1254

- 241 30 mm / 3.53 g / 6 o'clock  
**Obv.:** @/ΔI/ΜI to l., Δ/Η/Τ to r.  
**Rev.:** ΟΔΚΑC on r.  
**Ref.:** *DOC IV*, pl. XXXIII, 45.1.  
**Prov.:** Bendall colln.



- 242 30 mm / 3.23 g / 6 o'clock  
**Obv.:** @/ΔI/ΜI to l., ΠI/С to r.  
**Rev.:** ΟΔΘΚΑC on r.  
**Ref.:** *DOC IV*, pl. XXXIII, 45.1; Bates 1981, p. 154, 3385B (*this coin*).  
**Prov.:** Bendall colln., ex Bates colln., acquired Izmir (Alaşahir)



**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in field. Full-length figure of Christ, standing on dais (?); l. hand Gospel.  
**Rev.:**  $\overline{\text{IW}}$  O,  $\text{KW}$  or  $\overline{\text{IW}}$  O  $\text{KW}$  Full-length figure of emperor on l., and of St. Constantine, nimbate; between them sword, half-sheathed, point downward. Emperor and saint wear stemm div., c-p and jewel. loros of simpl. type; both rest hand on shield (emp. r. hand, saint l. hand).  
 Sear 2101; *DOC IV*, Type M, pl. XXXIII, 47: 1221 - 1254

- 243** 28 mm / 2.38 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  -  $\overline{\text{XC}}$   
**Rev.:**  $\omega$  to l.  
**Ref.:** Sear 2101 (*this coin*).  
**Prov.:** Bendall colln.



- 244** 29 mm / 2.67 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$   
**Rev.:**  $\overline{\text{IW}}/\Delta$  to l., O. above,  $\text{KK}$  to r.  
**Ref.:** *DOC IV*, pl. XXXIII, 47.3.  
**Prov.:** Bendall colln.



- 245** 22 mm / 1.43 g (clipped) / 6 o'clock  
**Obv.:**  $\overline{\text{C}}$   
**Rev.:**  $\omega$   
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 246** 22 mm / 1.32 g / 6 o'clock  
**Obv.:**  $\overline{\text{XC}}$   
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:**  $\overline{\text{HP}}$   $\overline{\text{OV}}$  in upper field. Three-quarter-length figure of Virgin nimbate, orans. Star to l. and r. in lower field.  
**Rev.:**  $\overline{\text{IW}}$  to l.,  $\text{O}/\text{O}/\text{E}/\Delta$  to r. Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them sheathed sword, point downward, resting on shield. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear.  
 Sear 2102; *DOC IV*, Type N, pl. XXXIII, 48: 1221 - 1254

- 247** 31 mm / 3.86 g / 6 o'clock  
**Obv.:**  $\Theta\text{V}$   
**Rev.:**  $\Theta$  to r.  
**Ref.:** Protonotarios 1972a, p. 56, no. 3.  
**Prov.:** Bendall colln., ex O'Hara



- 248** 26 mm / 2.56 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}}$   $\Theta\text{V}$   
**Ref.:** Protonotarios 1972a, p. 56, no. 3.  
**Prov.:** Bendall colln., from Greek collector



**Obv.:**  $\text{O}$   $\overline{\text{E}}$  Three-quarter-length figure of St. George nimbate, wearing tunic, breastplate and sagion; r. hand spear, resting over shoulder; l. hand shield.  $\text{K}$  to l.,  $\text{C}$  to r., in field.  
**Rev.:**  $\overline{\text{IW}}$   $\Delta\text{CC}\Pi\text{O}$  -  $\text{T}$  -  $\text{O}$   $\Delta\text{XKAC}$  Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.  
 Sear 2103; *DOC IV*, Type O, pl. XXXIII, 49: 1221 - 1254

- 249** 30 mm / 3.06 g / 6 o'clock  
**Obv.:**  $\text{O}$  to l.,  $\overline{\text{E}}$  to r.  
**Rev.:**  $\Pi\text{O}$  -  $\text{T}$  -  $\text{C}$   
**Ref.:** *DOC IV*, pl. XXXIII, 49.2.  
**Prov.:** Bendall colln.



- 250** 29 mm / 3.14 g / 6 o'clock  
**Obv.:**  $\text{O}$  to l.,  $\overline{\text{E}}$  to r.  $\text{K}$  to l.,  $\text{O}$  to r., in field.  
**Rev.:**  $\text{T}$  above.  
**Prov.:** Bendall colln.



- 251** 30 mm / 3.27 g / 6 o'clock  
**Obv.:**  $\text{O}$  to l.,  $\overline{\text{E}}$  to r.  $\text{K}$  to l.,  $\text{O}$  to r., in field.  
**Rev.:**  $\overline{\text{IW}}\Delta\ldots\Pi$  on l.  
**Prov.:** Bendall colln., from Mellon colln.



**Obv.:** Ο ΑΓΙΟΣ ΘΕΟΔΩΡΟΣ in two columnar groups. Half-length figure of St. Theodore nimbate, wearing tunic and breastplate; r. hand sword, resting over shoulder; l. hand shield.  
**Rev.:** ΙΩ ΔΕΣΠΟΤΗΣ Ο ΔΣΚΑΣ in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand patriarchal cross on globe, which he holds by the shaft.  
 Sear 2104; *DOC IV*, Type P, pl. XXXIII, 50: 1221 - 1254

- 252** 31 mm / 3.68 g / 6 o'clock  
**Obv.:** Ο/ΑΓΙ/Ο/Σ to l., Θ/Ε to r.  
**Rev.:** Ο/Δ/Σ/Κ/Σ to r.  
**Prov.:** Bendall colln., from Mellon colln.



- 253** 31 mm / 3.68 g / 6 o'clock  
**Obv.:** Ο/Α/ΓΙ to l., Θ/ΕΟ/ΔΩ/ΡΟ to r.  
**Rev.:** ΙΩ/Σ/Η to l., ΔΣ/Κ/Σ to r.  
**Ref.:** *DOC IV*, pl. XXXIII, 50a (*this coin*); Protonotarios 1972a, p. 56, no. 2 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Bust of Christ nimbate; l. hand scroll.  
**Rev.:** ΠΟΤ - Ο ΔΣΚΑ Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand anexikakia; l. hand gl. cr.  
 Sear 2106; *DOC IV*, Type R, pl. XXXIV, 52: 1221 - 1254

- 254** 29 mm / 2.00 g / 6 o'clock  
**Obv.:** ΙC  
**Rev.:** ΠΟΤ - ΟΔΣΚΑ  
**Prov.:** Bendall colln.



- 255** 26 mm / 2.11 g / 6 o'clock  
**Obv.:** ΙC - XC  
**Rev.:** ΟΔΣΚΑ on r.  
**Ref.:** *DOC IV*, pl. XXXIV, 52 (*this coin*); Protonotarios 1974b, pp. 53-4, no. 9 (*this coin*).  
**Prov.:** Bendall colln., from Lutz Ilisch



- 256** 28 mm / 2.44 g / 6 o'clock  
**Obv.:** ΙC - XC  
**Rev.:** Δ on l.  
**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellets in each limb of nimbus cross.

**Rev.:** ΔΣΚΑ Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum on long shaft, on which a star; l. hand anexikakia.  
*Manus Dei* in upper r. field.  
 Sear 2107; *DOC IV*, Type S, pl. XXXIV, 53: 1221 - 1254

- 257** 27 mm / 1.63 g / 6 o'clock  
**Obv.:** C - XC  
**Rev.:** ΔΣΚΑ on r.  
**Ref.:** *DOC IV*, pl. XXXIV, 53.1 (*this coin*); Bendall - Protonotarios 1976, pp. 46-7, no. 2a (*this coin*).  
**Prov.:** Bendall colln.



- 258** 25 mm / 1.58 g / 6 o'clock  
**Ref.:** Bendall - Protonotarios 1976, pp. 46-7, no. 2b (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Ⓢ Full-length figure of St. George nimbate, wearing short military tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield resting on ground. Β Β in field.

**Rev.:** ΙΩ/Δ/Ε to l., ΟΔΣΚ on r. Emperor seated upon throne with back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sword; l. hand sheath horizontally across knees.  
 Sear 2108; *DOC IV*, Type T, pl. XXXIV, 54: 1221 - 1254

- 259** 29 mm / 3.40 g / 6 o'clock  
**Obv.:** Ⓢ Β Β in field.  
**Rev.:** ΙΩ to l., Ο to r.  
**Ref.:** Sear 2108 (*this coin*).  
**Prov.:** Bendall colln.



- 260** 30 mm / 3.60 g / 6 o'clock  
**Obv.:** Ο/ΑΙ/ΟΟ/Σ to r.  
**Rev.:** ΙΩ/Δ/Ε to l., ΟΔΣΚ on r.  
**Ref.:** *DOC IV*, pl. XXXIV, 54.3 (*this coin*).  
**Prov.:** Bendall colln.





**Obv.:** IC XC in field. Full-length figure of Christ, bearded and nimbate, standing on dais (?) r. hand raised in benediction; l. hand Gospel. Star to l. and r., in field.

**Rev.:** ω CΠO – ΔΣΚΛC Full-length figure of emperor, wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand anexikakia; l. hand star on long shaft surmounting lil Sear 2109; *DOC IV*, Type U, pl. XXXIV, 55: 1221 - 1254

261 28 mm / 2.02 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** ωCCΠO on l.

**Prov.:** Bendall colln.



262 25 mm / 2.00 g

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard

**Obv.:** IC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll. Pellets in each limb of nimbus cross.

**Rev.:** IΨ/ΔEC to l., T/Θ/ΔΣ/K to r. Full-length figure of emperor on l., and of St. Tryphon, beardless and nimbate; between them long shaft, at the head of which lily, and at the base of which small globe. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft. Saint wears short military tunic, breastplate and sagion; l. hand scepter with triple head.

Sear 2110 (as St. Theodore on the rev.); *DOC IV*, Type V (Uncertain/Addenda), pl. LIV, 1: 1221 - 1254

263 28 mm / 2.13 g / 6 o'clock

**Obv.:** IC – XC

**Ref.:** Bendall 1978c, pp. 306-7.

**Prov.:** Bendall colln.



264 29 mm / 2.89 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** Δ/Σ/K to r.

**Ref.:** Bendall 1978c, pp. 306-7.

**Prov.:** Bendall colln.



265 28 mm / 3.23 g / 6 o'clock

**Obv.:** IC – XC OΕ/Η to l., ΝΣ/Η to r. Pellet in each limb of nimbus cross.

**Ref.:** Bendall 1978c, pp. 306-7; Veglery – Millas 1977, p. 95, no. 3.

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



266 30 mm / 4.41 g / 6 o'clock

**Obv.:** C – XC OΕ/Η to l., Ν to r.

**Rev.:** Ε/...Ο/...Ι to l.

**Ref.:** Bendall 1978c, pp. 306-7; Veglery – Millas 1977, p. 95, no. 3.

**Prov.:** Bendall colln., from G. Zacos colln.



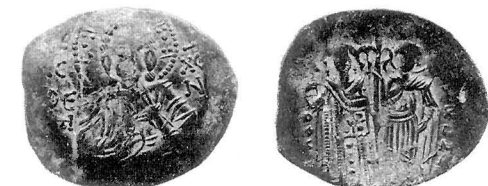
267 28.5 mm / 2.23 g / 6 o'clock

**Obv.:** IC – XC OΕ/Η to l., Ν to r.

**Rev.:** ω/Δ/C to l., Σ/Κ/Λ to r.

**Ref.:** Bendall 1978c, pp. 306-7; Veglery – Millas 1977, p. 95, no. 3.

**Prov.:** Bendall colln.



**Obv.:** MP ΘV in field. Virgin nimbate, seated upon throne without back.

**Rev.:** IΨ – ΟΔΣ Half-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sword, point downward; l. hand gl. cr.

Sear 2111; *DOC IV*, Type W (Uncertain/Addenda), pl. LIV, 2: 1221 - 1254

268 25 mm / 2.61 g / 6 o'clock

**Obv.:** ΘV

**Rev.:** ΣΚ on r.

**Prov.:** Bendall colln.



269 24 mm / 2.12 g

**Obv.:** Totally worn.

**Rev.:** Iω on l.

**Prov.:** Bendall colln.



270 21 mm / 1.56 g / 6 o'clock

**Obv.:** P – Θ Virgin holds beardless, nimbate head of Christ on breast.

**Prov.:** Bendall colln.



- 271 27 mm / 2.30 g / 6 o'clock  
**Obv.:** ΜΡ – ΘΥ  
**Rev.:** Emperor holds in l. hand globus surmounted by patriarchal cross.  
**Ref.:** *DOC IV*, pl. LIV, 2.1 (*this coin*); Bendall – Protonotarios 1978, pp. 178-9, no. 3 (*this coin*).  
**Prov.:** Bendall colln.



- 272 25 mm / 1.53 g / 6 o'clock  
**Obv.:** ΜΡ – ΘΥ  
**Rev.:** ΟΔΥ on r. Emperor holds in l. hand globus surmounted by patriarchal cross.  
**Prov.:** Bendall colln., ex I.T. Roper 9/11/1975



**Obv.:** ΙC XC in field. Half-length figure of Christ, beardless and nimbate.  
**Rev.:** ΙΥΔΕ Three-quarter-length figure of emperor on l., and of Virgin nimbate. Emp. wear stemma, div., c-p and panelled loros of simpl. type.  
 Sear 2112 (?); *DOC IV*, Type X (Uncertain/Addenda) (?), pl. LIV, 3: 1221 - 1254

- 273 25 mm / 1.06 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 11, no. 97 (*this coin*).  
**Prov.:** Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



- 274 23.5 mm / 0.87 g / 6 o'clock  
**Obv.:** C – X  
**Rev.:** Large 8 between the two figures.  
**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel. Star to l. and r. in field.  
**Rev.:** ΟΔΚΑC Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. with triple head, and in l. sheathed sword, point downward.  
 Sear 2096 var.; *DOC IV*, Type Z (Uncertain/Addenda), pl. LIV, 5: 1221 - 1254

- 275 29 mm / 2.41 g / 6 o'clock  
**Obv.:** C – XC  
**Rev.:** ΟΔΚC on r.  
**Ref.:** Bendall – Protonotarios 1976, pp. 46-7, no. 4.  
**Prov.:** Bendall colln.



**Obv.:** ΙC XC Ο ΕΜΜΑΝΥΗΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellets in each limb of nimbus cross.  
**Rev.:** ΙΥ ΔΕCΠΟΤΗC – ΘΘΕΟΔΩΡΟC Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them shaft, at the head of which a star, and at the base of which a kite-shaped shield. Emp. wears stemma, div. and chlamys; r. hand labarum-headed sc. Saint wears short military tunic and breastplate; l. hand spear, resting over shoulder.  
 Sear 2069; *DOC IV*, Type A<sup>2</sup> (Uncertain/Addenda), p. 701, 5 bis: 1221 - 1254

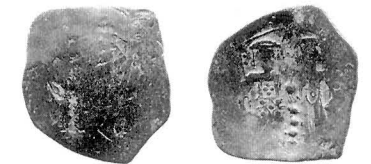
- 276 29 mm / 2.52 g / 6 o'clock  
**Obv.:** ΙC – X Ο/ΕΜ/ΜΑ to l., Ν/Δ/Η/Λ to r.  
**Rev.:** ΩΔC – ΙΟCΛΛΩΡΟC  
**Prov.:** Bendall colln., ex Foreign Prince, ex Lord Grantley



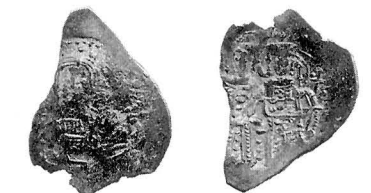
- 277 22 mm / 0.90 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- Uncertain**  
 278 23 mm / 1.24 g  
**Obv.:** Obscure.  
**Rev.:** Full-length figure of emperor on l., and of St. Theodore (?) wearing short military tunic and breastplate; between them gl. cr. Emp. holds labarum-headed sc. in r. hand.  
**Ref.:** *DOC IV* - ; Sear - ; Metcalf 1973, pl. 11, no. 90 (*this coin*).  
**Prov.:** Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



- 279 25 mm / 1.43 g / 6 o'clock  
**Obv.:** Half-length figure of Christ, beardless and nimbate.  
**Rev.:** Full-length figure of emperor on l., and of nimbate saint, holding between them globus. Emp. wears stemma, div. and chlamys. Saint wears stemma, div., c-p, and jewel. loros of simpl. type; holds sc. cr. in l. hand.  
**Ref.:** *DOC IV* - ; Sear - ; Metcalf 1973, pl. 11, no. 100 (*this coin*).  
**Prov.:** Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



- 280 23 mm / 1.12 g / 6 o'clock  
**Obv.:** IC – X Half-length figure of Christ nimbate.  
**Rev.:** Δ... – OΛ Full-length figure of emperor on l., and of nimbate saint, holding between them globus. Emp. wears stemma, div. and chlamys; r. hand long shaft at head of which star. Saint wears stemma, div., c-p and jewel. loros of simpl. type; holds sc. cr. in l. hand.  
**Ref.:** *DOC IV* - ; Sear - ; Metcalf 1973, pl. 11, no. 101 (*this coin*).  
**Prov.:** Bendall colln., from Peter and Paul hoard



Tetarteron, AE

- Obv.:** Square, formed on four interlaced bands ornamented with pellets.  
**Rev.:** IC ΔΕCΠΟΤHC O ΔXKAC in two columnar groups. Full-length figure of emperor wearing stemma, short military tunic, breastplate and sagion; l. hand sword, resting over shoulder; r. hand sheath, point downward.  
Sear 2114; *DOC IV*, Type A, pl. XXXIV, 56: 1221 - 1254

- 281 22 mm / 2.35 g / 12 o'clock  
**Rev.:** IC to l., O/Δ/K/M/C to r.  
**Ref.:** Sear 2114 (*this coin*).  
**Prov.:** Bendall colln., ex Lord Grantley



- 282 24 mm / 3.36 g  
**Rev.:** IC/Δ to l., O/Δ/K/A/C to r.  
**Prov.:** Bendall colln.



- Obv.:** Head of cherub with four wings; triangle of three pellets in field to either side.  
**Rev.:** IC ΔΕCΠΟΤHC O ΔXKAC in two columnar groups. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand gl. cr.  
Sear 2115; *DOC IV*, Type B, pl. XXXIV, 57: 1221 - 1254

- 283 20 mm / 1.76 g / 6 o'clock  
**Rev.:** IC/Δ/Ε/C/Π/C to l.  
**Prov.:** Bendall colln.



- Obv.:** @ Ε in field. Bust of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear, resting over shoulder; l. hand shield.  
**Rev.:** IC ΔΕCΠΟΤHC O ΔXKAC in two columnar groups. Full-length figure of emperor wearing stemma, div., c-p, jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand anexikakia.  
Sear 2116; *DOC IV*, Type C, pl. XXXIV, 58: 1221 - 1254

- 284 21.5 mm / 2.86 g / 6 o'clock  
**Obv.:** @ to l., Ε to r.  
**Rev.:** IC/ΔΕC/ΠO to l., ΔX/K/A/C to r.  
**Prov.:** Bendall colln.



- 285 20 mm / 2.66 g / 6 o'clock  
**Obv.:** @ to l., Ε to r.  
**Rev.:** IC/ΔCC/ΠO to l., O/ΔX/K/A/C to r.  
**Prov.:** Bendall colln., from Istanbul Aug. 1970



- 286 19 mm / 3.38 g / 6 o'clock  
**Obv.:** @ to l., Ε to r.  
**Rev.:** ...CC/ΠO/C to l., Λ/K/A/C to r.  
**Prov.:** Old Ashmolean colln., from Revd. T. Greville Chester 1892



- 287 21 mm / 3.05 g / 6 o'clock  
**Obv.:** Ε to r.  
**Rev.:** OΔX/K/A/C to r.  
**Ref.:** *DOC IV*, pl. XXXIV, 58.6-58.7.  
**Prov.:** Old Ashmolean colln., 11/1/1967



- 288 20 mm / 2.23 g / 6 o'clock  
**Obv.:** @ to l., Ε to r.  
**Rev.:** IC/ΔΕC/ΠO/TH to l., O/ΔX/K/A/C to r.  
**Prov.:** Old Ashmolean colln., from Sir C. Warren (gift)



- 289 22 mm / 3.58 g / 6 o'clock  
**Obv.:** @ to l.  
**Rev.:** IC/ΔΕC to l., OΔX/K/A/C to r.  
**Prov.:** Old Ashmolean colln., from Sabin galleries 1960



- 290 20.5 mm / 2.29 g / 6 o'clock  
**Obv.:** @ to l., Ε to r.  
**Rev.:** OΔX/K/A/C to r.  
**Prov.:** Old Ashmolean colln., from Sabin galleries 1960





**Obv.:** Cross within crescent-shaped ornament decorated with pellets.

**Rev.:** ΙΩ ΔΕCΠ Ο ΔΥ or ΙΩ Ο/Δ Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

Sear 2117; *DOC IV*, Type D, pl. XXXIV, 59: 1221 - 1254

- 291** 20 mm / 2.42 g / 6 o'clock  
**Ref.:** Sear 2117 (*this coin*); Bendall 1987b, pp. 3-4, fig. 7 (*this coin*).  
**Prov.:** Bendall colln.



- 292** 19 mm / 1.18 g / 6 o'clock  
**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll.

**Rev.:** ΙΩ/ΔCC/ΠΟ/Τ to l., Ο/Δ/Υ to r. Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.

Sear 2118; *DOC IV*, Type E, pl. XXXIV, 60: 1221 - 1254

- 293** 17 mm / 2.29 g / 6 o'clock  
**Obv.:** ΙC  
**Rev.:** Ω/ΔCC/ΠΟ to l., Ο/Δ/Υ/Κ to r.  
**Ref.:** *DOC IV*, pl. XXXIV, 60.4 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Η in l. field. Three-quarter-length figure of Virgin nimbate, orans, turned slightly to r. Star on either side in field.

**Rev.:** ΙΩΔΕCΠ – ΟΔΥΚ Full-length figure of emperor wearing stemma, div. and jewel. loro of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross, which he holds by the shaft.

Sear 2119; *DOC IV*, Type F, pl. XXXIV, 61: 1221 - 1254

- 294** 21 mm / 1.87 g / 6 o'clock  
**Rev.:** ΙΩΔΕCΠ – ΙΑΥΚ  
**Ref.:** *DOC IV*, pl. XXXIV, 61.2 (*this coin*).  
**Prov.:** Bendall colln., ex Lord Grantley



- 295** 20 mm / 1.88 g / 6 o'clock  
**Obv.:** Η  
**Rev.:** Ο/Α/Υ/Κ to r.  
**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Patriarchal cross on three steps.

**Rev.:** ΙΩ ΔΕ Half-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand gl. cr.

Sear 2120; *DOC IV*, Type G, pl. XXXIV, 62: 1221 - 1254

- 296** 19 mm / 2.47 g / 6 o'clock  
**Obv.:** ΙC – XC  
**Rev.:** Ω to l., ΑΟ/Κ to r.  
**Ref.:** Protonotarios 1972a, p. 56, no. 4.  
**Prov.:** Bendall colln.



- 297** 18 mm / 1.83 g / 6 o'clock  
**Obv.:** ΙC – X  
**Rev.:** ΔΕ to r. Emperor holds in r. hand sc. cr.  
**Ref.:** *DOC IV*, pl. XXXIV, 62.b (*this coin*); Bendall – Protonotarios 1978, pp. 178-9, no. 6 (*this coin*); Protonotarios 1972a, p. 56, no. 4.  
**Prov.:** Bendall colln.



## Theodore II Ducas-Lascaris (1254-1258)

Magnesia

Hyperpyron, AV

**Obv.:** ΙC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

**Rev.:** Inscription in two columnar groups. ΜΡ ΘΥ in upper and r. field. Full-length figure of emperor on l., crowned by Virgin nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand anexikakia.

Α to r., or to l. and r., above throne. ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗΣ Ο ΛΑCΚΑΡΙC in two columnar groups on rev.

Sear 2136; *DOC IV*, Var. I, pl. XXXV, 1: 1254/55

- 298** 26 mm / 4.37 g / 6 o'clock  
**Obv.:** ΙC – XC (Α to r. above throne.)  
**Rev.:** ΘΥ ΙΩ/ΟC/ΔΕC to l., ΠΟ/ΗC/ΑΑ/Κ/ΠΙ to r.  
**Ref.:** *DOC IV*, pl. XXXV, 1a.  
**Prov.:** Bendall colln., from Istanbul 1972



- 299** 26 mm / 4.25 g / 6 o'clock  
**Obv.:** X (A to r. and l. above throne.)  
**Rev.:** ΔP/OC to l., AK/OΛ/K/P to r.  
**Ref.:** *DOC IV*, pl. XXXV, 1b; Protonotarios 1972a, p. 57, no. 5.  
**Prov.:** Bendall colln.



B to r., or to l. and r., above throne. ΘΕΟΔΩΡΟΣ ΔΥΚΑC  
 Ο ΛΑΚΚΑΡΙC in two columnar groups on rev.  
 Sear 2136; *DOC IV*, Var. II, pl. XXXV, 2: 1254/55  
 (See Siglon A for Coins 298-299)

- 300** 26 mm / 4.33 g / 6 o'clock  
**Obv.:** IC - XC (B to r. above throne.)  
**Rev.:** H - ΘV OC/E to l., A/KΛ/OΛ/K/P/C to r.  
**Ref.:** *DOC IV*, pl. XXXV, 2a; Bendall 1975, p. 104 (*this coin*).  
**Prov.:** Bendall colln.



Aspron Trachy, Electrum

**Obv.:** IC XC in field. Full-length figure of Christ, bearded and nimbate (standing on dais); l. hand Gospel.  
**Rev.:** ΘΕΟΔΩΡΟΣ Ο ΛΑΚΚΑΡΙC in two columnar groups. Full-length figure of emperor at of beardless, nimbate, military saint (Demetrius?); between them patriarchal cross on long shaft. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr. Saint wears short military tunic, breastplate and sagion; l. hand spear, resting over shoulder.  
 Sear 2137; *DOC IV*, Type I, pl. XXXV, 5: 1254/55

- 301** 29 mm / 2.59 g / 6 o'clock  
**Obv.:** IC - XC (A to r. in field.)  
**Rev.:** ΘΕ/Ο/Ω/Ρ/ΟC/ΔΕ to l., K/P to r.  
**Prov.:** Bendall colln.



**Obv.:** ΘΥV&N in two columnar groups. Full-length figure of St. Tryphon, beardless and nimbate, wearing tunic and kolobion; r. hand cross. Lily to l. and r. in field.  
**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗC ΔΥΚΑC Ο ΛΑΚΚΑΡΙC in two columnar groups. Full-length figure of emperor wearing stemma, div. and panelled chlamys; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.  
 Sear 2138; *DOC IV*, Type II, pl. XXXV, 6: 1255/56

- 302** 29 mm / 2.47 g / 6 o'clock  
**Obv.:** Γ/Θ/ΥV to l., & to r. (M in r. field; lily in lower l. and r. field.)  
**Rev.:** ΘΕ/... to l., Ο/Κ to r.  
**Prov.:** Bendall colln.



**Obv.:** IC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.  
**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗC ΔΥΚΑC Ο ΛΑΚΚΑΡΙC Ο ΑΓΙΟC ΤΡΥΦΩΝ in two columnar groups. Full-length figure of emperor on l., and of St. Tryphon, beardless and nimbate; between them labarum on long shaft at the base of which a lily. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr. Saint wears tunic and kolobion.  
 Sear 2139; *DOC IV*, Type III, pls. XXXV - XXXVI, 7: 1256/57

- 303** 32 mm / 2.85 g / 6 o'clock  
**Obv.:** IC - XC (Γ Γ in field.)  
**Rev.:** Ρ/ΟC/ΔΕC/ΠΟ/ΤΙ to l., ΥV/&.../Αδ/ΑC/ACK/AP/C to r.  
**Ref.:** *DOC IV*, pl. XXXVI, 7.4 (*this coin*).  
**Prov.:** Bendall colln.



Aspron Trachy, Billon

**Obv.:** IC XC in field. Full-length figure of Christ bearded and nimbate, standing on dais; r. hand raised in benediction; l. hand Gospel. Β Β in field.  
**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕCΠΟΤΗC ΔΥΚΑC Ο ΛΑΚΚΑΡΙC in two columnar groups. Full-length figure of emperor on l., crowned by Virgin nimbate. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand gl. cr.  
 Sear 2141; *DOC IV*, Type A, pl. XXXVI, 9: 1256/57?

- 304** 29 mm / 5.39 g / 6 o'clock  
**Obv.:** IC - X (K in lower l. field; B in r. field.)  
**Rev.:** Ε to l., Ο/Δ/Κ/Λ/... to r.  
**Prov.:** Bendall colln., from Sepheriades Athens July 1971

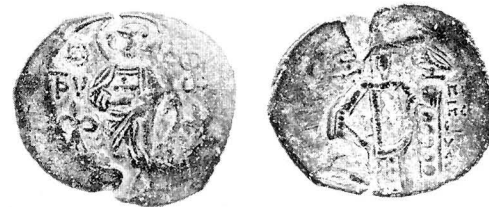


- 305 30 mm / 3.50 g / 6 o'clock  
**Obv.:** IC – XC (B 8 in field.)  
**Rev.:** Θ OC/ΔCC to l.  
**Prov.:** Bendall colln.



**Obv.:** Θ FVΘ in two columnar groups. Full-length figure of St. Tryphon, beardless and nimbate, wearing tunic and kolobion; r. hand cross. Lily to l. and r. in lower field.  
**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤΗΣ ΔΥΚΑΣ Ο ΛΑΚΚΑΡΙΟ in two columnar groups. Full-length figure of emperor wearing stemma, div. and panelled chlamys; r. hand labarum-headed sc; l. hand gl. cr. *Manus Dei* in upper r. field.  
 Sear 2142; *DOC IV*, Type B, pl. XXXVI, 10: 1255/56

- 306 30 mm / 3.94 g / 6 o'clock  
**Obv.:** Θ FV to l., Θ to r.  
**Rev.:** Π/ΤΗC/O/V/Λ/C to r.  
**Ref.:** *DOC IV*, pl. XXXVI, 10a.  
**Prov.:** Bendall colln.



**Obv.:** Ο ΑΓΙΟΣ ΘΕΟΔΩΡΟΣ in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.  
**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤΗΣ Ο ΛΑΚΚΑΡΙΟ or Ο ΔΥΚΑΣ in two columnar groups. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.  
 Sear 2143; *DOC IV*, Type C, pl. XXXVI, 11: 1254/55?

- 307 32 mm / 5.24 g / 6 o'clock  
**Obv.:** Ο/Α/Γ/Ι to l., ΘΕ/ΟΔΟ/ΡΟ/Σ to r.  
**Rev.:** Ε/Τ/Σ to l., Ο above .../Σ/Κ to r.  
**Ref.:** Sear 2143 (*this coin*); Bates 1981, p. 155, 3389 (*this coin*).  
**Prov.:** Bendall colln., ex Bates colln., acquired Izmir (Alaşehir) 8/9/1967



- 308 28 mm / 4.01 g / 6 o'clock  
**Obv.:** Α/Γ/Ι to l.  
**Rev.:** Ε/ΔΩ/ΟC/ΔΕ to l., Τ/Σ/Κ to r.  
**Ref.:** Bendall – Protonotarios 1976, pp. 46-8, no. 5 (emperor holding gl. cr.).  
**Prov.:** Bendall colln.



#### Tetarteron, AE

**Obv.:** Lily. Pellet in upper and lower field, to either side.  
**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕΣΠΟΤΗΣ in two columnar groups. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum on long shaft; l. hand anexikakia.  
 Sear 2145; *DOC IV*, Type A, pl. XXXVI, 13

- 309 16 mm / 2.33 g / 6 o'clock  
**Rev.:** ΔΕCΠ on r.  
**Ref.:** *DOC IV*, pl. XXXVI, 13a.  
**Prov.:** Bendall colln.



- 310 19 mm / 1.44 g / 6 o'clock  
**Rev.:** ΘΕ/Ο/Δ to l., ΡΟC above, Δ to r.  
**Ref.:** *DOC IV*, pl. XXXVI, 13a; Sear 2145 (*this coin*).  
**Prov.:** Bendall colln., from Mellon colln.



#### **Anonymous Ruler** **Magnesia**

#### Tetarteron, AE

**Obv.:** Letter 8 decorated with pellets. Group of three pellets on either side in field.  
**Rev.:** Emperor seated upon throne with back, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.  
 Sear 2151; *DOC IV*, Type A, pl. XXXVII, 3: 1227 - 1261?

- 311 19 mm / 2.89 g / 6 o'clock  
**Ref.:** *DOC IV*, pl. XXXVII, 3.5; Sear 2151 (*this coin*).  
**Prov.:** Bendall colln.



- 312 20 mm / 2.60 g / 6 o'clock  
**Ref.:** Sear 2151 var.  
**Prov.:** Bendall colln.



**Obv.:** Complex of interlaced bands decorated with pellets.  
**Rev.:** Full-length figure of emperor wearing stemma, div. and chlamys; r. hand uncertain object on long shaft; l. hand uncertain object.  
 Sear 2152; *DOC IV*, Type B, pl. XXXVII, 4: 1227 - 1261?



- 313 19 mm / 1.46 g / 6 o'clock  
**Ref.:** *DOC IV*, pl. XXXVII, 4 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Sabin galleries 1960



**Obv.:** Cross radiate with lunate ornaments, decorated with pellets, at ends.  
**Rev.:** ΜΡ ΘΥ in field. Half-length figure of Virgin nimbate, orans.  
 Sear 2154; *DOC IV*, Type D, pl. XXXVII, 6: 1227 - 1261?

- 314 20 mm / 2.99 g / 6 o'clock  
**Rev.:** ΜΡ – ΘΥ  
**Ref.:** *DOC IV*, pl. XXXVII, 6.1.  
**Prov.:** Bendall colln.



- 315 19 mm / 1.65 g / 6 o'clock  
**Prov.:** Bendall colln.



**Obv.:** Cross, decorated with pellets. ΙC in upper quarters, ΧC in lower quarters.  
**Rev.:** Β Θ decorated with pellets; pellet in loops of letter to r.  
 Sear 2155; *DOC IV*, Type E, pl. XXXVII, 7: 1227 - 1261?

- 316 21 mm / 1.77 g / 9 o'clock  
**Prov.:** Bendall colln.



**Obv.:** Head of flower.  
**Rev.:** Β Θ decorated with pellets; pellet in loops of letter to r.  
 Sear 2156; *DOC IV*, Type F, pl. XXXVII, 8: 1227 - 1261?

- 317 20 mm / 3.01 g / 11 o'clock  
**Ref.:** *DOC IV*, pl. XXXVII, 8 (*this coin*);  
 Bendall – Protonotarios 1978, pp. 178-9, no. 5  
 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Radiate, floriate, cross.  
**Rev.:** Ο ΑΓΙΟΣ ΘΕΟΔΩΡΟΣ in two columnar groups. Three-quarter-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand sword, resting over shoulder; l. hand shield.  
 Sear 2157; *DOC IV*, Type G, pl. XXXVII, 9: 1227 - 1261?

- 318 21 mm / 2.59 g / 6 o'clock  
**Rev.:** Ο to l., Θ/ΟΔΟ/Ρ to r.  
**Ref.:** Bendall – Protonotarios 1976, no. 10  
 (*this coin*).  
**Prov.:** Bendall colln.



- 319 22 mm / 1.91 g / 6 o'clock  
**Rev.:** Ο/ΑΓ/Ο/Χ to l., ΘΕ/ΟΔΟ/ΡΟΧ to r.  
**Prov.:** Bendall colln.



## Empire of Thessalonica: Theodore Comnenus-Ducas (1224-1230)

### Thessalonica

#### Aspron Trachy, Electrum

**Obv.:** ΙC ΧC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; Gospel in l. Pellets, normally ∴ or ∴ in each limb of nimbus cross.

**Rev.:** ΘΕΟΔΩΡΟΣ ΔΥΚΑ – Ο ΑΓΙΟΣ ΔΙΜΙΤΡΙΟΣ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them cross-within-circle surmounting triangular decoration on long shaft. Emp. wears stemma, div. and jewel. loros of traditional type. Saint wears short military tunic, breastplate and sagion; l. hand sword resting over shoulder.  
 Sear 2158; *DOC IV*, Type A, pl. XXXVIII, 1: 1224/25?

- 320 30 mm / 2.62 g (pierced) / 6 o'clock  
**Obv.:** ΙC – ΧC (ΙC to l., ΑΚ to r., above throne.)

**Rev.:** ΔΙΜ on r.

**Ref.:** *DOC IV*, pl. XXXVIII, 1a.2.

**Prov.:** Bendall colln., from BM (by exchange), from de Salis colln.



**Obv.:** ΜΡ ΘΥ Η ΑΓΙΟΣΩΡΗΤΗΚΑ in two columnar groups. Full-length figure of Virgin Hagiosoritissa nimbate, orans.

**Rev.:** ΘΕΟΔΩΡΟΣ ΔΕΣΠΟ – Ο ΑΓΙΟΣ ΔΙΜΙΤΡΙΟΣ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate, giving model of the city of Thessalonica with three towers into the hands of the emperor. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears short military tunic, breastplate and sagion. *Manus Dei* in upper centre field.  
 Sear 2159; *DOC IV*, Type B, pl. XXXVIII, 2: 1227?

- 321 28 mm / 1.41 g (pierced) / 6 o'clock  
**Obv.:**  $\overline{\text{MP}}$  –  $\overline{\text{OV}}$  H/Γ to l.,  $\Psi\text{P}/\text{HT}/\text{HC}/\text{A}$  to r. (Δ to r. above inscription.)  
**Ref.:** *DOC IV*, pl. XXXVIII, 2a.3 (*this coin*).  
**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange)



- 322 15 mm / 0.63 g (clipped) / 6 o'clock  
**Obv.:** AΓ/A to l.,  $\Psi\text{P}/\text{HT}/\text{HC}/\text{A}$  to r. (Δ to r. above inscription.)  
**Prov.:** Bendall colln., from a Greek friend (gift)



**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$  in upper field. Virgin nimbate, seated upon throne with back; holds beardless nimbate head of Christ on breast.

**Rev.:**  $\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$   $\Delta\chi\kappa\alpha\varsigma$ .  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in upper and r. field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div., jewel. loros of simpl. ty and sagion; r. hand sheathed sword, point downward; l. hand anexikakia. Christ holds Gospe in l. hand.

Sear 2160; *DOC IV*, Type C, pl. XXXVIII, 3: 1225/26?

- 323 32 mm / 2.99 g / 6 o'clock  
**Obv.:** M –  $\overline{\text{OV}}$  (Back of throne decorated with Γ P.)  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   
**Ref.:** *DOC IV*, pl. XXXVIII, 3a.1.  
**Prov.:** Bendall colln., from Glendining 23/4/1925, from R.T. Cassal colln.



#### Aspron Trachy, Billon

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  O  $\epsilon\mu\mu\alpha\lambda\lambda\alpha$  in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. ✕ in each limb of nimbus cross.

**Rev.:**  $\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$   $\Delta\chi\kappa$  – O AΓIOC ΔΙΜΙΤΡΙ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them cross-within-circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div. and chlamys. Saint wears short military tunic, breastplate and sagion; l. hand sword resting over shoulder.

Sear 2161; *DOC IV*, Type A, pl. XXXVIII, 4: 1224/25?

- 324 35 mm / 2.99 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   
**Rev.:** Δ...Δ on l. (Double-struck; as a result each figure holds one cross-within-circle.)  
**Prov.:** Bendall colln.



- 325 32 mm / 4.32 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$  O $\epsilon$ /MM/A to l., δ to r.  
**Prov.:** Bendall colln.



- 326 31 mm / 4.37 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$   $\epsilon$ /MM to l.  
**Rev.:** Δ on l.  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in field. Christ, beardless and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand raised holding scroll.

**Rev.:**  $\Theta\epsilon\omicron\Delta\omicron\rho\omicron\varsigma$   $\Delta\epsilon\varsigma\pi\omicron\tau$  – O AΓIOC ΔΙΜΙΤΡΙ Full-length figure of emperor on l., crowned by St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia. Saint wears short military tunic, breastplate and sagion; l. hand sheathed sword, point downward.  
 Sear 2162; *DOC IV*, Type B, pl. XXXVIII, 5: 1227?

- 327 32 mm / 3.45 g (pierced) / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$  (Δ with star underneath to l. and r. above throne.)  
**Ref.:** Sear 2162 (*this coin*).  
**Prov.:** Bendall colln., from Greek collector (by exchange)



**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$  in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

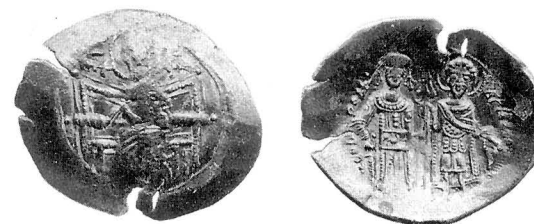
**Rev.:**  $\Theta\epsilon\omicron\Delta\psi\rho\omicron\varsigma$   $\Delta\epsilon\varsigma\pi\tau$  – O AΓIOC  $\Theta\epsilon\omicron\Delta\psi\rho$  Full-length figure of emperor on l., and of St. Theodore, bearded and nimbate; between them cross-within-circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sheathed sword, point downward. Saint wears short military tunic, breastplate and sagion; l. hand shield, resting on ground.  
 Sear 2164; *DOC IV*, Type C, pl. XXXIX, 6: 1228/29?

328 33 mm / 3.77 g / 6 o'clock

**Obv.:** ΜΡ

**Rev.:** ΘΕ...Δ...ΡΟΔΕC — ΑΓΙ...

**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction, holds Gospel in l. hand. Pellet normally in each limb of nimbus cross.

**Rev.:** ΘΕΟΔΩΡΟC ΔΧΚ — Χ/Μ Full-length figure of emperor on l., and of St. Michael nimbate, giving model of the city of Thessalonica with three towers into the hands of the emperor. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc. Saint wears div., c-p and panelled loros of simpl. type; l. hand jewel. sc. *Manus Dei* in upper centre field.

Sear 2165; *DOC IV*, Type D, pl. XXXIX, 7: 1226/27?

329 32 mm / 3.86 g / 6 o'clock

**Obv.:** ΙC — XC Pellets in each limb of nimbus cross. Star to r. above throne.

**Rev.:** ΘΕΟΔ on l., Χ to r.

**Ref.:** *DOC IV*, pl. XXXIX, 7a.

**Prov.:** Bendall colln.

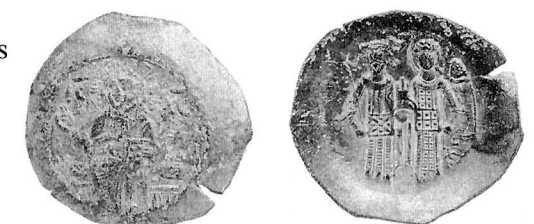


330 30.5 mm / 3.72 g / 6 o'clock

**Obv.:** ΙC — XC Pellets in each limb of nimbus cross. Star to r. above throne.

**Rev.:** Μ/Χ to r.

**Prov.:** Bendall colln.



331 33 mm / 3.27 g / 6 o'clock

**Obv.:** ΙC — XC Pellets in each limb of nimbus cross. Star to r. above throne.

**Rev.:** ΘΕΟ on l., Μ to r.

**Prov.:** Bendall colln.



**Obv.:** Ο ΑΓΙΟC ΔΗΜΗΤΡΙΟC in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic, breastplate and sagion; r. hand hilt of sword; l. hand sheath, horizontally across knees.

**Rev.:** ΘΕΟΔΩΡΟC ΔΕC. ΜΡ ΘV in upper and r. field. Half-length figure of emperor on l., and of Virgin nimbate; between them patriarchal cross on long shaft, at the base of which, a small globe. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr. *Manus Dei* in upper l. field.

Sear 2167; *DOC IV*, Type F, pl. XXXIX, 9: 1227/28?

332 31 mm / 4.67 g / 6 o'clock

**Obv.:** Ο/Α/ΙΟC to l., ΔΗ/ΗΤ/ΠΙΟC to r.

**Rev.:** ΜΡ — ΘV

**Prov.:** Bendall colln.

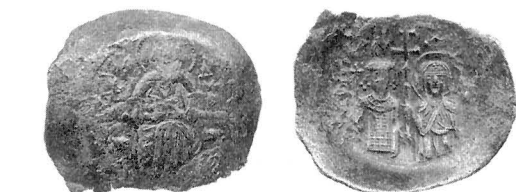


333 30 mm / 2.65 g / 6 o'clock

**Obv.:** ΟΑ/ΠΙΟ/C to l., ΔΗ/ΗΤ/ΠΙΟ to r.

**Rev.:** ΔΟΡ on l.

**Prov.:** Bendall colln.



334 31 mm / 2.97 g / 6 o'clock

**Obv.:** Ο/ΑΓΙ/ΟC to l., ΔΗ/ΗΤ/ΠΙΟ/C to r.

Cross in l. field above throne.

**Rev.:** ΜΡ — ΘV

**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellet, or pellets, in each limb of nimbus cross.

**Rev.:** ΘΕΟΔΩΡΟC ΔΕCΠΟΤΗC ΚΟΜΝΗΝΟC Ο ΔΧΚΑC in two columnar groups. Full-length figure of emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by single- or double barred cross. *Manus Dei* in upper r. field.

Sear 2168; *DOC IV*, Type G, pl. XXXIX, 10: 1229/30?

335 33 mm / 4.44 g / 6 o'clock

**Obv.:** ΙC — XC Pellets in each limb of nimbus cross.

**Rev.:** ΘΕ/ΟΔΟ/ΡΟC/ΔΕC/ΠΟΤ/ΗC to l., Ο/Μ/Η/Ν/ΟCΟ/ΧΚΑ/C to r. Holds globus surmounted by single-barred cross.

**Ref.:** *DOC IV*, pl. XXXIX, 10b.1-2.

**Prov.:** Bendall colln., from Turkey 1970





- 336** 30 mm / 4.23 g (pierced) / 6 o'clock  
**Obv.:** IC – XC Star in l. and r. field.  
**Rev.:** ...T... to l., KO/MN/HN/OCOD/V·K/ΔC to r. Holds globus surmounted by double-barred (patriarchal) cross.  
**Ref.:** *DOC* IV, pl. XXXIX, 10c.1.  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



*As last, but small module.*

Sear - ; *DOC* IV, -

- 337** 24 mm / 1.51 g / 6 o'clock  
**Obv.:** XC  
**Rev.:** ΘΕ/Λ to l., Μ/Ν/Η/Ν/ΟΔ to r. Holds globus surmounted by single-barred cross (?).  
**Ref.:** *DOC* IV - ; Sear - .  
**Prov.:** Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



#### Tetarteron, AE

**Obv.:** +ΘΕ/ΟΔΩΡΟC/ΔΕCΠΟΤ/ΗCΟΔΟΝ/ΚΑC Legend in five lines.

**Rev.:** ΘΕΟΔΩΡΟC ΔΥΚΑC (or ΔΕCΠΟ) – Ο ΑΓΙΟC ΔΙΜΙΤ Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them patriarchal cross-crosslet on long shaft decorated with crescent and pellet, ending in three steps. Emp. wears stemma, div., c-p. and jewel. loros of simpl. type; l. hand anexikakia. Saint wears tunic, breastplate a sagion; r. hand sword resting over shoulder; l. hand shield.  
 Sear 2170; *DOC* IV, Var. B, pl. XL, 12: 1227/28?

- 338** 24 mm / 4.03 g / 6 o'clock  
**Obv.:** +ΘΕ/ΟΔΩΡΟC/ΔΕCΠΟΤ/ΗCΟΔΟΝ/ΚΑC  
**Rev.:** ΘΕΟΔ on l., Η on r.  
**Prov.:** Bendall colln.



- 339** 22 mm / 4.63 g / 6 o'clock  
**Obv.:** +ΘΕ/ΟΔΩΡΟC/ΔΕCΠΟΤ/ΗCΟΔΟΝ/ΚΑC  
**Rev.:** ΘΕΟΔΟΡΟCΔΕCΠΟ – ΟΑΓΙΟCΔΙΜΙΡ  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



- 340** 23 mm / 3.82 g / 6 o'clock  
**Obv.:** +ΘΕ/ΟΔΩΡΟC/ΔΕCΠΟΤ/ΗCΟΔ/ΚΑ  
**Rev.:** ΘΕΟΔΩΡΟCΔΟΚC on l.  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4241, 26/4/1945



#### Half-tetarteron, AE

**Obv.:** ΟΑΓΗΟC ΔΗΜΗΤΡ in two columnar groups. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear, resting over shoulder; l. hand shield.

**Rev.:** ΘΕΟΔΩΡΟC Ο ΔΥΚΑC normally in two columnar groups. Full-length figure of emperor, turned slightly to l., wearing stemma, div., c-p, and jewel. loros of simpl. type; r. hand gl. cr.; l. hand labarum-headed sceptre.  
 Sear 2173; *DOC* IV, Type C, pl. XL, 15: 1225/26?

- 341** 20 mm / 2.92 g / 6 o'clock  
**Obv.:** Ο/ΑΓ/ΗΟ/C to l., Μ/ΗΤ/Ρ to r.  
**Rev.:** ΘΕ/ΟΔ/Ω/Ρ/C to l., ΥΔΟ to r.  
**Ref.:** *DOC* IV, pl. XL, 15a.1-15a.4.  
**Prov.:** Bendall colln.



- 342** 20 mm / 1.89 g / 6 o'clock  
**Obv.:** Ο/ΑΓ/ΗΟ/C to l., Δ/Η/ΗΤ/ΙΟ to r.  
**Rev.:** ΘΕ/Ω/Ρ/Ο/C to l., Ο/ΔΥΚ/Α/C to r.  
**Ref.:** *DOC* IV, pl. XL, 15b.1 (*this coin*).  
**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange)



- 343** 19 mm / 1.83 g / 6 o'clock  
**Obv.:** Ο/ΑΓ/ΗΟ/C to l., Δ/Η to r.  
**Rev.:** ΔΥΚΑC on l.  
**Prov.:** Bendall colln., from O' Hara colln., from Sicily



# Manuel Comnenus-Ducas (Despot 1230-1237)

## Thessalonica

### Aspron Trachy, Electrum

**Obv.:** ΜΡ ΘV in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.

**Rev.:** ΜΑΝΔΗΛ ΔΕCΠ – X/Α or X/Μ. Full-length figure of ruler on l., and of St. Michael, beardless and nimbate; between them sheathed sword, point downward. Emp. wears stemma, d and jewel. loros of traditional type; r. hand sc. cr. Saint wears short military tunic, breastplate at sagion; l. hand labarum-headed sc.

Sear 2175; *DOC IV*, Type B, pl. XL, 2: 1230 - 1237

344 32 mm / 3.16 g (pierced) / 6 o'clock

**Obv.:** ΜΡ – ΘV (Δ above cushion of throne to either side.)

**Rev.:** ΜΑΝΔΗΛΔΕ on l., X/Α to r.

**Ref.:** *DOC IV*, pl. XL, 2.1 (*this coin*); Morrisson 2003, fig. 12 (*this coin*); Bendall 1969, p. 331 (*this coin*).

**Prov.:** Bendall colln.



### Aspron Trachy, Billon

345 28 mm / 2.99 g / 6 o'clock

**Obv.:** ΜΡ – ΘV (Δ above cushion of throne to either side.)

**Rev.:** ΜΑ on l., Α to r.

**Ref.:** Sear 2176; *DOC IV*, pl. XL, 2.3 (*this coin*, but under electrum aspron trachy).

**Prov.:** Bendall colln., from O'Hara colln.



**Obv.:** Ο ΑΓΙΟC ΔΗΜΗΤΡΙΟC in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand hilt of sword (or cross

**Rev.:** ΜΑΝΔΗΛ ΔΕCΠ. IC XC in upper and r. field. Full-length figure of ruler on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div. and panelled chlamys; r. hand sc. cr.; l. hand anexikakia. Christ holds Gospel in l. hand.

Sear 2177; *DOC IV*, Type A, pl. XLI, 3: 1230 - 1237

346 29 mm / 2.92 g / 6 o'clock

**Obv.:** Ο ΑΓΙΟC ΔΗΜΗΤΡΙΟC in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand hilt of sword (or cross

**Rev.:** IC XC. Star to r. in field.

**Prov.:** Bendall colln.



347 30 mm / 3.41 g / 6 o'clock

**Obv.:** Ο ΑΓΙΟC ΔΗΜΗΤΡΙΟC in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand hilt of sword (or cross

**Rev.:** IC – XC. ΜΑΝ on l. Star to r. in field.

**Ref.:** *DOC IV*, pl. XLI, 3a.1.

**Prov.:** Bendall colln.



348 29 mm / 3.53 g / 6 o'clock

**Obv.:** Ο ΑΓΙΟC ΔΗΜΗΤΡΙΟC in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand hilt of sword (or cross

**Rev.:** IC XC. ΜΑΝΔΗΛΔΕC on l. Star to r. in field.

**Ref.:** *DOC IV*, pl. XLI, 3a.1 (*this coin?*).

**Prov.:** Bendall colln., from Greek collector (by exchange)



349 26 mm / 1.73 g / 6 o'clock

**Obv.:** Ο ΑΓΙΟC ΔΗΜΗΤΡΙΟC in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand hilt of sword (or cross

**Rev.:** IC XC. ΜΑ...ΛΔΕ on l. Two stars in r. field.

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



*As last, but small module.*

Sear 2184; *DOC IV* -

350 18 mm / 0.63 g

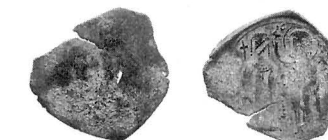
**Obv.:** Brockage of the reverse.

**Rev.:** IC

**Ref.:** Bendall 1978a, p. 111, pl. 27, no. 334 (*this coin*). For the rev., see Bendall

– Protonotarios 1976, p. 48, no. 13.

**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** ΜΡ ΘV in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

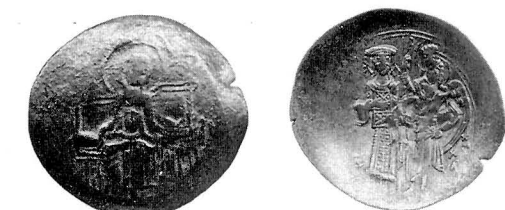
**Rev.:** ΜΑΝΔΗΛ ΔΕCΠΟΤ – X/Μ X/Α. Full-length figure of ruler on l., and of St. Michael; between them labarum on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears short tunic and (sagion?) held wrapped around him.

Sear 2178; *DOC IV*, Type B, pl. XLI, 4: 1230 - 1237

351 28 mm / 1.97 g / 6 o'clock

**Rev.:** Μ on l., X/Μ X/Α to r.

**Prov.:** Bendall colln.



**Obv.:** ΜΡ ΘV in field. Bust of Virgin nimbate, orans. Star in l. and r. field.  
**Rev.:** ΜΑΝΘΗΛ ΔΕCΠ – Ο ΑΓΙ/ΟC ΔΙΜΙΤΡΙΟC Full-length figure of ruler on l., and of St Demetrius, beardless and nimbate, giving a globus surmounted by a patriarchal cross into the hands of the ruler. Ruler wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. Saint wears div. and chlamys; l. hand spear.  
 Sear 2179; *DOC IV*, Type C, pl. XLI, 5: 1230 - 1237

- 352** 17 mm / 1.09 g (clipped) / 6 o'clock  
**Obv.:** ΘV Star in r. field.  
**Rev.:** ...ΔΕC on l., ΟΑΓ/ΟC above  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 353** 19 mm / 1.11 g (clipped) / 6 o'clock  
**Obv.:** ΘV  
**Rev.:** ΔΙΜΤ on r.  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



*As last, but small module.*  
 Sear 2185; *DOC IV* -

- 354** 18.5 mm / 0.52 g  
**Obv.:** Brockage of the reverse.  
**Rev.:** ΜΑΝ on l.  
**Ref.:** (*DOC IV*, pl. XLI, 5.4); Sear 2185 (*this coin*); Bendall 1978a, p. 111, specimen 349 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 355** 18 mm / 1.05 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 11, no. 109 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Χ/Ρ Χ/Μ Half-length figure of St. Michael nimbate, wearing div., c-p and panelled loros of simpl. type; r. hand sword, resting over shoulder; l. hand sheath.  
**Rev.:** ΜΑΝΘΗΛ ΔΕC – Ο ΑΓΙΟC ΚΟCΤ Full-length figure of ruler on l., and of St. Constantine; between them patriarchal cross on long shaft at the base of which, three steps. Ruler wears stemma, div., c-p and jewel. loros of simpl. type; r. hand palm-frond. Saint similarly dressed; l. hand palm-frond.  
 Sear 2180; *DOC IV*, Type D, pl. XLI, 6: 1230 - 1237

- 356** 30 mm / 4.33 g / 6 o'clock  
**Obv.:** Χ/Ρ – Χ/Μ  
**Rev.:** ΜΑΝΘΗΛΔΕC – ΟΛΓΙΟCΚΟCΤ  
**Ref.:** Bendall – Protonotarios 1976, p. 48, no. 12.  
**Prov.:** Bendall colln.



- 357** 29 mm / 2.91 g (pierced) / 6 o'clock  
**Obv.:** Χ/ΑΓ – Χ/Μ  
**Rev.:** ΜΑ...Δ... – ΟΑΓ  
**Ref.:** *DOC IV*, pl. XLI, 6.2 (*this coin*); Bendall – Protonotarios 1976, p. 48, no. 12.  
**Prov.:** Bendall colln., from Greek collector (by exchange), bought in Athens



- 358** 23 mm / 0.94 g / 6 o'clock  
**Rev.:** ΟΑΙΙΟCΚΟ on r.  
**Ref.:** Bendall – Protonotarios 1976, p. 48, no. 12.  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** ΚΕΡΟ ΗΘΕΙ. ΙC ΧC in field. Bust of Christ, beardless and nimbate; l. hand scroll.  
**Rev.:** ΜΑΝΘΗΛ ΔΕC – ΠΟΤ – Ο ΚΩΝCΤΑΝΤΙΝΟC Full-length figure of ruler on l., crowned by St. Constantine. Ruler wears stemma, div., jewel. loros of simpl. type and sagion; l. hand anexikakia. Saint similarly dressed; l. hand labarum-headed sceptre.  
 Sear 2181; *DOC IV*, Type E, pl. XLI, 7: 1230 - 1237

- 359** 29 mm / 3.59 g / 6 o'clock  
**Obv.:** ΚΕΟ – ΗΘΕΙ. ΙC – ΧC  
**Rev.:** ΜΑΝΘΗΛΔΕC on l., ΠΟΤ above  
**Prov.:** Bendall colln.





360 19 mm / 0.78 g (clipped) / 6 o'clock

**Obv.:** ΙΚΒ Ο on l., ΙC̄ – X̄

**Rev.:** ΜΑΝΘΗΛΔΕC on l.

**Prov.:** Bendall colln., from Mellon colln.



**Obv.:** Ο/Λ/Θ/ΟΔ/Ψ Bust of St. Theodore, bearded and nimbate, wearing tunic.

**Rev.:** ΜΑΝΘΗΛ – ΟΛΔΜ Half-length figure of ruler on l., and of beardless, nimbate military saint (Demetrius?); between them sheathed sword, point downward. Ruler wears stemma, div., c-p, and jewel. loros of simpl. type. Saint wears tunic, breastplate and sagion. In upper centre field a cloud, with a star in the centre, out of which extends *Manus Dei*, crowning the ruler.

Sear 2182; *DOC IV*, Type F, pl. XLI, 8: 1230 - 1237

361 23 mm / 1.21 g / 6 o'clock

**Obv.:** Ο/Λ to l.

**Prov.:** Bendall colln.



362 23 mm / 1.39 g / 6 o'clock

**Rev.:** ΝΘ – ΔΜ

**Ref.:** Bendall 1978a, p. 111, specimen 354 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



363 21 mm / 1.23 g

**Obv.:** Brockage of the reverse.

**Rev.:** ΜΑΝΘΗΛΔ – Δ

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Χ/Ρ Χ/Μ Full-length figure of St. Michael nimbate, wearing short military tunic, breastplate and sagion; r. hand sword, which he is in the act of unsheathing; l. hand sheath held horizontally.

**Rev.:** ΜΑΝΘΗΛΔΕCΠΟΤΙ – ΠΟΛΙCΘ/ΕCCA/ΛΟΝ/ΙΚΗ – ΟΑΓΙΟCΔΙΜΙΤΡΙΟC Ruler on l., and St. Demetrius, beardless and nimbate, seated upon throne without back; between them the c of Thessalonica represented as a walled town with three towers. Ruler wears stemma, div. a jewel. loros of traditional type; r. hand labarum-headed sc. Saint wears tunic, breastplate and sagion; l. hand sword resting over shoulder.

Sear 2183; *DOC IV*, Type G, pl. XLI, 9: 1230 - 1237

364 28 mm / 2.27 g / 6 o'clock

**Rev.:** ΜΑΝΘΗΛΔΕCΠΟΤ on l., ΠΟΛΙCΘ/ΕCCA/ΛΟΝ/ΙΚΗ above, ΟΑΓΙΟCΔΙΜΙ on r.

**Ref.:** *DOC IV*, pl. XLI, 9.4 (*this coin*).

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



*As last, but small module.*

Sear - ; *DOC IV* -

365 21 mm / 1.45 g / 6 o'clock

**Rev.:** ΜΑ on l.

**Ref.:** Bendall 1978a, p. 111, pl. 27, specimen 366 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



366 19 mm / 0.86 g

**Obv.:** Brockage of the reverse.

**Rev.:** ΝΘΗΛ – ΟΑΓΙΟCΔ

**Ref.:** Bendall 1978a, p. 111, specimen 372 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



367 18 mm / 0.88 g

**Obv.:** Brockage of the reverse.

**Rev.:** ΙΘΛ on l.

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**John Comnenus-Ducas (Emperor 1237-1242; Despot 1242-1244)**  
Thessalonica

Aspron Trachy, Billon

Large module (DOC IV Series I)

**Obv.:** ΓΘ ΔΘΕΟΔΡC in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield. Lily in field to either side.

**Rev.:** ΙΩΑΝΗCΔCCΠT – ΟΑΓIC Full-length figure of emperor on l., crowned by St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p, and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anxikakia. Saint wears short military tunic breastplate and sagion; l. hand sword, point resting on ground. Star in upper centre field. Sear 2188 (but as St. Demetrius on obv.); DOC IV, Type B, pl. XLII, 2: 1237 - 1242?

368 29 mm / 2.84 g / 6 o'clock

**Obv.:** Θ/Ε/Ο/ΔΡC to r.

**Rev.:** ΠΟΤ on l.

**Prov.:** Bendall colln.



369 29 mm / 2.76 g / 6 o'clock

**Obv.:** Δ/ΘΕΟ to r.

**Rev.:** ΙΩΑΝΗCΔCCΠT – ΟΔΕ

**Ref.:** DOC IV, pl. XLII, 2.2 (this coin).

**Prov.:** Bendall colln., from Foreign Prince, ex Lord Grantley



370 22 mm / 1.17 g / 6 o'clock

**Obv.:** Γ/Θ to l., Δ/ΘΕΟ to r.

**Rev.:** ΟΑΓIC on r.

**Prov.:** Bendall colln.



371 21 mm / 1.09 g / 6 o'clock

**Obv.:** Γ/Θ to l., ΘΕ to r.

**Rev.:** ΙΩΑΝ – ΑΓΙΟΙ

**Prov.:** Bendall colln.



Intermediate module (DOC IV Series II)

**Obv.:** Eagle with outstretched wings; head turned to l.

**Rev.:** ΙΩΔΕCΠ – ΘΔΙM Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them a patriarchal cross-crosslet on long shaft, at the base of which, steps. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears tunic, breastplate and sagion; l. hand spear.

Sear 2194; DOC IV, Type B, pl. XLII, 8: 1237 - 1242?

372 22 mm / 1.14 g / 6 o'clock

**Rev.:** ΙΩΔΕCΠ – ΘΔΙM

**Ref.:** Sear 2194 (this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** Χ/Μ Half-length figure of St. Michael nimbate, wearing div., loros and sagion; r. hand sword resting over shoulder; l. hand gl. cr.

**Rev.:** ΙΩΑΝΝIC – ΔΕCΠΟΤHC Emperor seated upon throne without back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anxikakia. Manus Dei in upper r. field.

Sear 2196; DOC IV, Type D, pl. XLII, 10: 1237 - 1242?

373 24 mm / 2.24 g / 6 o'clock

**Prov.:** Bendall colln.



**Obv.:** IC XC in field. Bust of Christ, bearded and nimbate; l. hand Gospel.

**Rev.:** ΙΩΑΝΝIC – ΔΕCΠΟΤHC Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anxikakia.

Sear 2197; DOC IV, Type E, pl. XLII, 11: 1237 - 1242?

374 22 mm / 1.17 g / 6 o'clock

**Obv.:** IC – IC

**Rev.:** ΙΩ on l., ΝCΔ above

**Ref.:** DOC IV, pl. XLII, 11.1 (this coin);

Bendall 1978a, p. 111, pl. 27, no. 386 (this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



375 24 mm / 1.89 g / 6 o'clock

**Rev.:** ΔΕCΠΟΤHC on r.

**Ref.:** DOC IV, pl. XLII, 11.2 (this coin);

Bendall 1978a, p. 111, pl. 27, no. 385 (this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



Small module (DOC IV Series III)

**Obv.:** Γ/ΟΛ/ΔΗ St. Demetrius, beardless and nimbate, seated upon throne without back.

**Rev.:** ΙΩΑ ΔΕ Full-length figure of emperor on l., and of Virgin nimbate; between them cross-within-circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand anexikakia.

Sear 2199; *DOC IV*, Type A, pl. XLIII, 14: 1237 - 1242?

376 16.5 mm / 0.84 g / 6 o'clock

**Rev.:** ΔΕ on l.

**Ref.:** Bendall 1978a, p. 111, pl. 27, no. 388  
(this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



377 21 mm / 0.82 g

**Obv.:** Brockage of the reverse.

**Prov.:** Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



**Obv.:** ΓΘ ΔΘΕΟΔΡC in two columnar groups. Full-length figure of St. Theodore, bearded and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield. Lily in field to either side.

**Rev.:** ΙΩΑΝΗCΔCCΠΤ – ΟΑΓΙC Full-length figure of emperor on l., crowned by St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia. Saint wears short military tunic, breastplate and sagion; l. hand sword, point resting on ground. Star in upper centre field. Sear 2200 (but as St. Demetrius on obv.); *DOC IV*, Type B, pl. XLIII, 15: 1237 - 1242?

378 20.5 mm / 0.87 g / 6 o'clock

**Rev.:** CΠ on l.

**Ref.:** Bendall 1978a, p. 111, pl. 27, no. 393  
(this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



379 21 mm / 0.62 g / 6 o'clock

**Obv.:** Θ/Ε/Ο to r.

**Ref.:** Bendall 1978a, p. 111, specimen 399  
(this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



380 20 mm / 0.49 g / 6 o'clock

**Ref.:** Bendall 1978a, p. 111, specimen 403  
(this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** ΜΡ ΘV in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.

**Rev.:** ΙΩΑΝΝΙCΔCCΠΟΤΙ Full-length figure of emperor wearing short military tunic, (breastplate?), and sagion; r. hand labarum on long shaft; l. hand gl. cr.

Sear 2201; *DOC IV*, Type C, pl. XLIII, 16: 1237 - 1242?

381 20 mm / 1.12 g / 6 o'clock

**Obv.:** ΜΡ – ΘV

**Rev.:** ΙΩΑΝΝΙCΔ on l.

**Ref.:** *DOC IV*, pl. XLIII, 16.1 (this coin);  
Bendall 1978a, p. 112, pl. 28, no. 496 (this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



382 22 mm / 0.93 g

**Obv.:** Brockage of the reverse.

**Ref.:** Bendall 1978a, p. 112, pl. 28, no. 497  
(this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



383 19 mm / 0.86 g / 6 o'clock

**Rev.:** CCΠΟΤΙ on r.

**Ref.:** *DOC IV*, pl. XLIII, 16.2 (this coin);  
Bendall 1978a, p. 112, pl. 28, no. 498 (this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** ΘΘΕΟΔΡC in two columnar groups. Half-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand (sheath?).

**Rev.:** ΙΩΔCCΠΟ – ΘΔΗΜΗΤ Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them large cross within circle, surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears tunic (breastplate?) and sagion. Emperor holds shaft with l. hand, saint with both hands.

Sear 2202; *DOC IV*, Type D, Var. A, pl. XLIII, 17a: 1237 - 1242?

384 20 mm / 1.26 g / 6 o'clock

**Obv.:** Θ – Δ

**Ref.:** Bendall 1978a, p. 111, specimen 405  
(this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard



385 20 mm / 0.79 g / 6 o'clock

**Obv.:** Ε/ΟΔ to r.

**Ref.:** Bendall 1978a, p. 111, pl. 27, no. 408  
(this coin).

**Prov.:** Bendall colln., from Thracian Plain hoard





386 20.5 mm / 0.83 g / 6 o'clock

**Obv.:** Θ to l.

**Ref.:** Bendall 1978a, p. 111, specimen 407  
(*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard

**Obv.:** Cross-within-circle surmounting triangular decoration on long shaft, between outstretched wings. On either wing, below forepart, a human head.

**Rev.:** Full-length figure of beardless emperor on l., crowned by bishop-saint (Nicholas?) bearded and nimbate. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia. Saint wears episcopal vestments, of which omophorion is visible; l. hand Gospel.

Sear 2203; *DOC* IV, Type E, pl. XLIII, 18: 1237 - 1242?



387 20 mm / 1.50 g / 6 o'clock

**Prov.:** Bendall colln.



388 19 mm / 1.03 g / 6 o'clock

**Prov.:** Bendall colln.



389 18 mm / 1.28 g / 6 o'clock

**Ref.:** *DOC* IV, pl. XLIII, 18.2 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** Eagle with wings outstretched; head turned to l.

**Rev.:** ΙΩΑΝΝΑΔΕCΠ – ΘΔΙΜ Busts of emperor on l., and of St. Demetrius, beardless and nimbate; between them patriarchal cross-crosslet on long shaft, at the base of which, steps. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears tunic, breastplate and sagion; l. hand spear.

Sear 2205; *DOC* IV, Type G, p. 589: 1237 - 1242?

390 20 mm / 1.36 g / 6 o'clock

**Rev.:** ΙΩΔΕ on l.

**Ref.:** Bendall 1978a, p. 111, specimen 411  
(*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



391 18 mm / 1.12 g / 6 o'clock

**Ref.:** Bendall 1978a, p. 111, pl. 27, no. 410  
(*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



392 18 mm / 1.13 g

**Rev.:** ΙΩΑΝΝ on l.

**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** ΙΩΔΕCΠ Half-length figure of emperor wearing stemma, div., panelled loros of simpl. type and sagion; r. hand sc. cr.; l. hand gl. cr. (as rev. in *DOC*).

**Rev.:** Θ ΔΙ St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic (breastplate?) and sagion; r. hand sword; l. hand sheath, held horizontally across knees. Lily above cushions of throne, on both sides (as obv. in *DOC*). Sear 2206; *DOC* IV, Type H, pl. XLIII, 21: 1237 - 1242?

393 18 mm / 0.71 g / 6 o'clock

**Obv.:** Ω on l.

**Rev.:** Θ to l., ΔΙ to r.

**Ref.:** *DOC* IV, pl. XLIII, 21.2 (*this coin*);  
Bendall 1978a, p. 111, pl. 28, no. 483 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



394 18 mm / 1.19 g

**Obv.:** Brockage of the reverse.

**Rev.:** Θ to l., ΔΙ to r.

**Ref.:** *DOC* IV, pl. XLIII, 21.1; Bendall 1978a,  
p. 111, pl. 28, no. 478 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** ΧΜ Half-length figure of St. Michael nimbate, wearing div., loros and sagion; r. hand sword, resting over shoulder; l. hand gl. cr.

**Rev.:** ΙΩΑΝΝΙC – ΔΕCΠΟΤHC Emperor seated upon throne without back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia. Sear 2207; *DOC* IV, Type I, pl. XLIII, 22: 1237 - 1242?

395 19 mm / 0.85 g / 6 o'clock

**Rev.:** ΙΩΑΝΙ on l.

**Ref.:** *DOC* IV, pl. XLIII, 22 (*this coin*);  
Bendall 1978a, p. 111, pl. 28, no. 488 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard

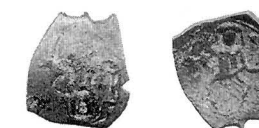


396 17 mm / 1.19 g / 6 o'clock

**Rev.:** ΔΕ on r.

**Ref.:** Bendall 1978a, p. 111, pl. 28, no. 484  
(*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** IC XC in field. Bust of Christ, bearded and nimbate; l. hand Gospel.  
**Rev.:** IWANNIC – ΔΕΣΠΟΤΗΣ Half-length figure of emperor wearing stemma, div., c-p a panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia.  
 Sear 2208; *DOC IV*, Type J, pl. XLIII, 23: 1237 - 1242?

- 397 18 mm / 0.70 g  
**Obv.:** Brockage of the reverse.  
**Ref.:** Bendall 1978a, p. 111, pl. 27, no. 453 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard

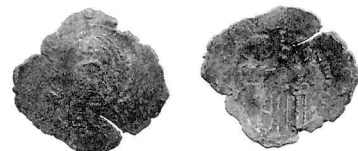


**Obv.:** Bust of St. Michael (?), nimbate, wearing div. and panelled loros of simpl. type; r. ha sword resting over shoulder (?).  
**Rev.:** +ΔΙΜ – IWΔΕCΠ Full-length figure of emperor facing on r., and of beardless and nimbate saint (Demetrius?) turned to r., and handing to emperor letter B on long shaft. Emp wears stemma, div., jewel. loros of simpl. type and sagion(?); r. hand anexikakia.  
 Sear 2209; *DOC IV*, Type K, Var. A, pl. XLIII, 24a: 1237 - 1242?

- 398 21 mm / 1.05 g / 6 o'clock  
**Rev.:** +ΔΙΜ on l.  
**Ref.:** *DOC IV*, pl. XLIII, 24a (*this coin*); Bendall 1978a, p. 112, pl. 28, no. 493 (*this coin*); idem 2006, fig. 6 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 399 21 mm / 0.81 g / 6 o'clock  
**Rev.:** IWΔΕC on r.  
**Ref.:** Bendall 1978a, p. 112, specimen 495 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 400 18 mm / 0.98 g  
**Obv.:** Totally worn.  
**Ref.:** Bendall 1978a, p. 112, specimen 494 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** Head of cherub nimbate, with wings.  
**Rev.:** IW – OAGOC Full-length figure of emperor on l., and of beardless, nimbate saint (Demetrius?) in military dress; between them cross, surmounted by globule on long shaft. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand anexikakia. Saint wears short military tunic, breastplate and sagion; l. hand sword resting over shoulder.  
 Sear 2210; *DOC IV*, Type L, Var. A, pl. XLIII, 25a: 1237 - ?

- 401 21 mm / 0.79 g / 6 o'clock  
**Rev.:** OΔ on r.  
**Ref.:** Sear 2210 (*this coin*); Bendall 1978a, p. 111, specimen 417 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 402 20 mm / 0.92 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 11, no. 115 (*this coin*).  
**Prov.:** Bendall colln., from Peter and Paul hoard



- 403 21.5 mm / 0.66 g / 7 o'clock  
**Ref.:** Bendall 1978a, p. 111, specimen 420 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 404 18 mm / 0.86 g / 6 o'clock  
**Ref.:** Metcalf 1973, pl. 11, no. 116 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



- 405 20.5 mm / 1.30 g / 6 o'clock  
**Rev.:** OAGOC on r.  
**Ref.:** Metcalf 1973, pl. 11, no. 117 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** IC XC in field. Inverted cross on base, top of shaft formed by large letter B.  
**Rev.:** As Type L, Var. A.  
 Sear 2211; *DOC IV*, Type L, Var. B, pl. XLIII, 25b: 1237 - ?

- 406 23 mm / 1.06 g (broken) / 6 o'clock  
**Obv.:** IC – XX  
**Ref.:** *DOC IV*, pl. XLIII, 25b (*this coin*); Bendall 1978a, p. 112, pl. 28, no. 499 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



**Obv.:** Wings or uncertain winged object.  
**Rev.:** Full-length figure of emperor on r., and of saint (Demetrius?) in military dress; between them cross, surmounted by globule, on long shaft. Emp. wears stemma, div., c-p (?) and jewel. loros of simpl. type; l. hand jewel. sc. Saint wears short military tunic, breastplate and sagion; r. hand spear.  
 Sear 2212; *DOC IV*, Type M, pl. XLIII, 26: 1237 - ?

- 407 18 mm / 0.64 g / 6 o'clock  
**Ref.:** *DOC IV*, pl. XLIII, 26 (*this coin*);  
 Bendall 1978a, p. 112, pl. 28, no. 491 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard

**Obv.:** Patriarchal cross, radiate, on steps. IC XC in upper quarters, NI KA in lower quarters  
**Rev.:** Full-length figure of beardless emperor on l., and of beardless, nimbate saint (Demetrius?) in military dress; between them model of the city of Thessalonica with two towers. Emp. wears stemma, div., jewel. loros of simpl. type and sagion. Saint wears short military tunic, breastplate and sagion.

Sear 2213; *DOC IV*, Type N, pl. XLIII, 27: 1237 - ?



- 408 19 mm / 1.13 g / 6 o'clock  
**Ref.:** Bendall 1978a, p. 111, specimen 429 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



- 409 19.5 mm / 1.30 g / 6 o'clock  
**Obv.:** N  
**Ref.:** *DOC IV*, pl. XLIII, 27b.2 (*this coin*);  
 Bendall 1978a, p. 111, specimen 427 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 410 20 mm / 0.89 g / 6 o'clock  
**Obv.:** IC - X / NI - KA  
**Ref.:** Metcalf 1973, pl. 11, no. 118 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** MP ΘV in field. Virgin seated upon throne without back; holds head of Christ on breast  
**Rev.:** ΔΕCΠOTIC - IΩANNIC Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia. *Manus Dei* in upper r. field.

Sear 2214; *DOC IV*, Type O, pl. XLIII, 28: 1237 - ?

- 411 20 mm / 1.54 g / 6 o'clock  
**Obv.:** MP - ΘV  
**Rev.:** ΔCCTOTIC on l.  
**Ref.:** Bendall 1978a, p. 111, pl. 27, no. 435 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 412 19 mm / 0.62 g / 6 o'clock  
**Obv.:** MP - ΘV  
**Rev.:** ΔEC - IΩANIC  
**Prov.:** Bendall colln.



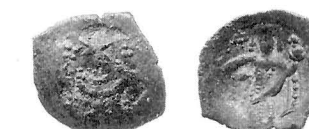
- 413 20 mm / 0.98 g / 6 o'clock  
**Obv.:** MP - ΘV  
**Rev.:** ΔΕCΠOTIC - IΩA  
**Ref.:** Metcalf 1973, pl. 11, no. 120 (*this coin*).  
**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



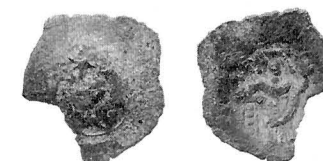
**Obv.:** Crescent between four stars and pellets in groups of four.

**Rev.:** ΔE - CΠO Full-length figure of beardless emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand gl. cr.  
 Sear 2215; *DOC IV*, Type P, pl. XLIII, 29: 1237 - ?

- 414 20 mm / 1.09 g / 6 o'clock  
**Ref.:** Sear 2215 (*this coin*); Bendall 1978a, p. 111, pl. 27, no. 445 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 415 21 mm / 0.98 g (broken) / 12 o'clock  
**Ref.:** Bendall 1978a, p. 111, specimen 446 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 416 19.5 mm / 1.19 g / 6 o'clock  
**Rev.:** ΔE - CΠO  
**Prov.:** Bendall colln.

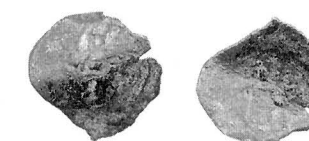


**Obv.:** Cross, radiate, decorated with pellets.

**Rev.:** ΔE Full-length figure of beardless emperor wearing stemma, short military tunic, (breastplate?), and sagion; r. hand sword, resting over shoulder; l. hand model of the city with three towers.

Sear 2216; *DOC IV*, Type Q, pl. XLIII, 30: 1237 - ?

- 417 17 mm / 0.84 g  
**Obv.:** Brockage of the reverse.  
**Ref.:** Bendall 1978a, p. 111, specimen 450 (*this coin*).  
**Prov.:** Bendall colln., from Thracian Plain hoard



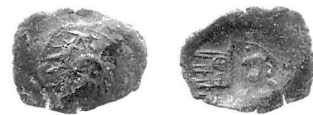


**Obv.:** Outstretched wing.

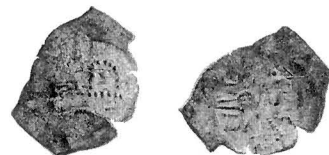
**Rev.:**  $\overline{\text{I}\omega\Delta}$  in l. field. Half-length figure of emperor wearing stemma, div. and jewel. loros of traditional type; r. hand large standard decorated with two crosses-within-circle; l. hand cross on long shaft.

Sear 2217; *DOC IV*, Type R, Var. A, pl. XLIII, 31a: 1237 - ?

- 418 18 mm / 0.85 g / 6 o'clock  
**Ref.:** Bendall 2006, fig. 9 (*this coin*).  
**Prov.:** Bendall colln., from J.J. Slocum (by exchange), from Mabbott colln. 27-29/10/1969 3rd auction, lot 5048



- 419 21 mm / 0.88 g / 3 o'clock  
**Prov.:** Bendall colln.



**Obv.:** Head of flower.

**Rev.:**  $\overline{\text{M}\text{P}} \overline{\Theta\text{V}}$  in field. Full-length figure of Virgin nimbate, orans.  
Sear 2218; *DOC IV*, Type T, pl. XLIII, 33: 1237 - ?

- 420 16 mm / 0.62 g  
**Rev.:** Star in r. field.  
**Prov.:** Bendall colln.



**Obv.:**  $\overline{\text{M}\text{P}} \overline{\Theta\text{V}}$  in field. Bust of Virgin nimbate, orans.

**Rev.:**  $\overline{\text{I}\omega}$  in upper r. field. Full-length figure of winged emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia.  
Sear 2219; *DOC IV*, Type U, pl. XLIII, 34: 1237 - ?

- 421 19 mm / 1.17 g  
**Obv.:** Brockage of the reverse.  
**Prov.:** Bendall colln., from Thracian Plain hoard



- 422 17 mm / 0.64 g  
**Obv.:** Brockage of the reverse.  
**Prov.:** Bendall colln.



- 423 21 mm / 0.69 g / 6 o'clock  
**Obv.:**  $\overline{\text{M}} - \overline{\Theta\text{V}}$   
**Rev.:**  $\overline{\text{I}\omega}$  above  
**Prov.:** Bendall colln.



**Obv.:** Wing.

**Rev.:** Winged, beardless bust of emperor, wearing stemma and holding anexikakia (?), surmounting the crenellated walls of a city.

Sear 2220; *DOC IV*, Type V, pl. XLIII, 35: 1237 - ?

- 424 22 mm / 1.34 g / 6 o'clock  
**Ref.:** *DOC IV*, pl. XLIII, 35 (*this coin*);  
Sear 2220 (*this coin*); Morrisson 2003, fig. 24 (*this coin*); Bendall 1978a, p. 111, pl. 28, no. 467 (*this coin*).



**Prov.:** Bendall colln., from Italo Vecchi, from Thracian Plain hoard

- 425 15 mm / 0.61 g  
**Obv.:** Brockage of the reverse.  
**Rev.:**  $\text{O}\text{O}\text{O}$  under walls.  
**Ref.:** Bendall 1978a, p. 111, pl. 28, no. 468 (*this coin*).



**Prov.:** Bendall colln., from Thracian Plain hoard

- 426 16 mm / 0.53 g  
**Obv.:** Brockage of the reverse.  
**Rev.:**  $\text{O}\text{E}\text{E}$  under walls.  
**Ref.:** Bendall 1978a, p. 111, pl. 28, no. 469 (*this coin*).



**Prov.:** Bendall colln., from Thracian Plain hoard

- 427 12 mm / 0.62 g  
**Obv.:** Brockage of the reverse.  
**Prov.:** Bendall colln.



**Obv.:** Cross with pellets in each angle (?) within crescent-shaped ornament (?).

**Rev.:**  $\overline{\text{I}\omega\Delta}$  in upper centre field. Half-length figure of beardless emperor beneath arch with towers at each corner, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.

Sear 2221; *DOC IV*, Type W, pl. XLIII, 36: 1237 - ?

- 428 19 mm / 1.04 g / 6 o'clock  
**Rev.:**  $\overline{\text{I}\omega\gamma}$  above  
**Prov.:** Bendall colln.



429 21 mm / 0.89 g / 6 o'clock

Rev.: ΙΩΔ above

Prov.: Bendall colln.



Obv.: No type.

Rev.: ΙΩ – ΝΔC Busts (?) of emperor on l., and of beardless, nimbate saint (Demetrius?); between them (?) large lily on long shaft. Emperor wears stemma.

Sear 2222; *DOC IV*, Type X, pl. XLIII, 37: 1237 - ?

430 17.5 mm / 0.58 g

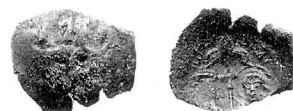
Obv.: Brockage of the reverse.

Rev.: ΙΩ – ΝΔC

Ref.: *DOC IV*, pl. XLIII, 37 (*this coin*);

Bendall 1978a, p. 111, pl. 28, no. 474 (*this coin*).

Prov.: Bendall colln., from Thracian Plain hoard



431 14.5 mm / 0.38 g

Obv.: Brockage of the reverse.

Ref.: Bendall 1978a, p. 111, specimen 476 (*this coin*).

Prov.: Bendall colln., from O'Hara colln., from Thracian Plain hoard



432 13 mm / 0.70 g

Obv.: Brockage of the reverse.

Ref.: Bendall 1978a, p. 111, specimen 473 (*this coin*).

Prov.: Bendall colln., from O'Hara colln., from Thracian Plain hoard



### Uncertain Thessalonican Attribution

Obv.: Wing, from which extends an arm holding a sword; above and below a star.

Rev.: Full-length figure of emperor bearded on r., and of beardless, nimbate saint (Demetrius); between them partially sheathed sword, point downward. Emp. wears stemma, div., c-p and jew loros of simpl. type; l. hand sc. Saint wears short military tunic, breastplate and sagion; r. hand spear (?). In upper centre field a star.

Sear 2226; *DOC IV*, pl. XLIV, 1

433 22 mm / 1.32 g / 6 o'clock

Ref.: *DOC IV*, pl. XLIV, 1.1; Protonotarios 1974b, pp. 54-5, no. 15.

Prov.: Bendall colln., from Greek collector Nov. 1980, bought in Athens (gift)



434 19 mm / 1.31 g / 6 o'clock

Rev.: ΙΙΙΙΙΙ on l.

Ref.: Protonotarios 1974b, pp. 54-5, no. 15.

Prov.: Bendall colln.



Obv.: Virgin nimbate, seated upon throne with back.

Rev.: Full-length figure of emperor bearded on l., and of military saint; between them sword, shield on the ground. Emp. wears stemma, div. and chlamys.

Sear - ; *DOC IV* -

435 21 mm / 1.16 g / 7 o'clock

Ref.: Metcalf 1973, pl. 11, no. 121 (*this coin*).

Prov.: Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



### Demetrius Comnenus-Ducas (Despot 1244-1246) Thessalonica

#### Aspron Trachy, Billon

Obv.: ΙC XC in field. Ο ΕΜΜΑΝΘΗΛ in two columnar groups. Bust of Christ, beardless and nimbate; l. hand scroll.

Rev.: X/P - X/M in lower field. Full-length figure of St. Michael, nimbate, wearing div., c-p, and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand gl. cr. Sear 2225; *DOC IV*, pl. XLIV, 1: 1244 - 1246?

436 27 mm / 2.45 g / 6 o'clock

Obv.: ΙC - XC ΟΕΜΜΑ to l., ΙΘ/ΗΛ to r.

Rev.: X/P - X

Prov.: Old Ashmolean colln., from J.R. Stewart colln. 1983



437 28 mm / 1.97 g / 6 o'clock

Obv.: ΙC - XC ΙΘ/ΗΛ to r.

Rev.: X - X/M

Prov.: Old Ashmolean colln., from Evans bequest 1941



- 438 31 mm / 3.33 g / 6 o'clock  
**Obv.:** IC – XC OE/MM/A to l., IX/HA to r.  
**Rev.:** X – X  
**Ref.:** Sear 2225 (*this coin*).  
**Prov.:** Bendall colln., from J. Schulman, from Amsterdam auction (early 1970s), possibly from Dutch Museum



- 439 29 mm / 2.48 g / 6 o'clock  
**Obv.:** IC – XC OE/MM/A to l.  
**Rev.:** X – X  
**Ref.:** DOC IV, pl. XLIV, 1c (*this coin*).  
**Prov.:** Bendall colln.



### John III Ducas, Called Vatatzes (1246-1254) Thessalonica

#### Aspron Trachy, Electrum

- Obv.:** MP ΘV in field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.  
**Rev.:** IW – ΘΔMH Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them labarum on long shaft at the base of which a small globe. Emp. wears stemma, div. and chlamys; r. hand anexikakia. Saint wears short military tunic and breastplate.  
 Sear 2122; DOC IV, Type B, pl. XLIV, 2: 1249/50 - 1254?

- 440 31 mm / 2.25 g / 6 o'clock  
**Obv.:** MP – (Eight-pointed star on the back of the throne, on either side of the Virgin.)  
**Rev.:** IW to l., Θ to r.  
**Ref.:** DOC IV, pl. XLIV, 2 (*this coin*).  
**Prov.:** Bendall colln.



- 441 33 mm / 2.54 g / 6 o'clock  
**Obv.:** MP – ΘV (Eight-pointed star on the back of the throne, on either side of the Virgin.)  
**Rev.:** ω – ΘΔMH  
**Prov.:** Bendall colln., from Bank Aufhäuser c. 1993 from stock



#### Aspron Trachy, Billon

- Obv.:** MP ΘV in field. Bust of Virgin, nimbate. Cross on either side in field.  
**Rev.:** IW ΔE/CP/OT/HC or ΔE/C/ΠO/TH/C. Full-length figure of emperor, wearing stemma, div. and jewel. loros of traditional type; r. hand labarum on long shaft; l. hand anexikakia. In l. field, an outstretched wing; *Manus Dei* in upper r. field.  
 Sear 2123; DOC IV, Type A, pl. XLIV, 3: 1246 - 1248/49?

- 442 28 mm / 1.84 g / 6 o'clock  
**Obv.:** MP  
**Rev.:** – to l., CP/TH/C to r.  
**Prov.:** Bendall colln.



- 443 30 mm / 2.60 g / 6 o'clock  
**Obv.:** MP – V Cross in l. field.  
**Rev.:** IW to l., ΔE/C/ΠTO/C to r.  
**Prov.:** Bendall colln.



- 444 28 mm / 4.19 g / 6 o'clock  
**Obv.:** MP Cross in l. field.  
**Rev.:** IW to l., ΔE/CP/OT/HC to r.  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4243, 26/4/1945



- Obv.:** P X/M Bust of St. Michael nimbate, wearing div., c-p and panelled loros of simpl. type; r. hand sword, resting over shoulder; l. hand gl. cr.  
**Rev.:** IW ΔE/CΠO/THC in two columnar groups. Emperor seated upon throne without back, wearing stemma, div. and jewel. loros of traditional type; r. hand sc. cr.; l. hand anexikakia. In l. field, an outstretched wing; *Manus Dei* in upper r. field.  
 Sear 2124; DOC IV, Type B, pl. XLIV, 4: 1246 - 1248/49?

- 445 29 mm / 2.68 g / 6 o'clock  
**Obv.:** P – M  
**Rev.:** IW to l., ΔE/C/ΠO/TH to r.  
**Prov.:** Bendall colln., from Greek collector, found near Melitea





- 446 27 mm / 2.79 g (pierced) / 6 o'clock  
**Rev.:**  $\overline{\omega}$  to l.,  $\Delta/\Pi/H$  to r.  
**Prov.:** Bendall colln., from London Stamp Exchange



- 447 26 mm / 2.64 g (pierced) / 6 o'clock  
**Rev.:**  $\overline{\omega}$  to l.,  $\Delta/\epsilon C/\Pi O$  to r.  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4243, 26/4/1945



**Obv.:**  $\Gamma O A \Delta H M H \Gamma I O C$  in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back; wears tunic, breastplate, and sagion; r. hand hilt of sword; l. hand sheath, horizontally across knees.

**Rev.:**  $\overline{\omega} O/\Delta/\delta$  Full-length figure of emperor wearing short military tunic, breastplate and sagion; r. hand labarum on long shaft; l. hand anexikakia. Large star in upper r. field.  
 Sear 2126; *DOC IV*, Type D, pl. XLV, 6: 1249/50 - 1254?

- 448 28.5 mm / 1.73 g / 6 o'clock  
**Obv.:** A to l.,  $\overline{\Gamma}/O C$  to r. Star on either side of throne.  
**Rev.:**  $\overline{\omega}/C/O/H$  to l.,  $C/\delta/\Delta$  to r. Large star in upper r. and lower l. field.  
**Prov.:** Bendall colln.



- 449 29 mm / 2.18 g / 6 o'clock  
**Obv.:**  $\overline{\Gamma} I / O C$  to r.  
**Rev.:**  $O \Delta$  to r.  
**Prov.:** Bendall colln., from Greek collector, Thessalonica



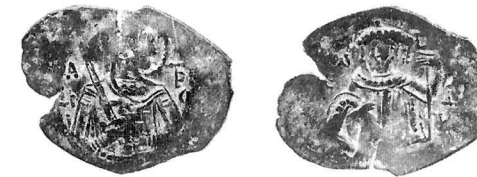
**Obv.:**  $\Gamma O A \Delta H M H \Gamma I O C$  in two columnar groups. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword, resting over shoulder.

**Rev.:**  $\overline{\omega} O/\Delta/\delta/K$  Full-length figure of emperor, wearing stemma, div. and chlamys; l. hand labarum on long shaft.  
 Sear 2127; *DOC IV*, Type E, pl. XLV, 7: 1249/50 - 1254?

- 450 27 mm / 4.03 g / 6 o'clock  
**Obv.:**  $\Gamma/O A/\Pi$  to l.,  $\overline{\Gamma}/O/C$  to r.  
**Rev.:**  $\overline{\omega}/E/O$  to l.,  $O$  to r.  
**Prov.:** Bendall colln.



- 451 29 mm / 2.36 g / 6 o'clock  
**Obv.:** A/ $\Delta I/\Pi$  to l.,  $\overline{\Gamma} I/O$  to r.  
**Rev.:**  $\overline{\omega}/E$  to l.,  $\Delta/\delta$  to r.  
**Prov.:** Bendall colln.



- 452 32 mm / 3.82 g / 6 o'clock  
**Obv.:**  $\overline{A}/\Delta H/M$  to l.,  $\overline{\Gamma} I/O/C$  to r.  
**Rev.:**  $\omega/\epsilon$  to l.,  $O/\Delta/\delta K/A$  to r.  
**Prov.:** Bendall colln., from Mellon colln.



**Obv.:**  $\overline{M} P \overline{O} V$  in field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast. Lily above cushion of throne, to either side.  
**Rev.:**  $\overline{\omega}/\Delta/\Pi/T$  to l.,  $O/\Delta/M/T$  to r. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them patriarchal cross. Emp.'s r. hand half-raised before chest in supplication; wears stemma, div., c-p and jewel. loros of simpl. type. Saint's l. hand lifted before chest; wears short military tunic, breastplate and sagion.

Sear 2128; *DOC IV*, Type F, pl. XLV, 8: 1249/50 - 1254?

- 453 27 mm / 2.59 g / 6 o'clock  
**Obv.:**  $\overline{M} P - V$   
**Rev.:**  $\overline{\omega}/\Delta/\Pi/T$  to l.,  $I O M$  on r.  
**Ref.:** Sear 2128 (*this coin*); Veglery – Millas 1977, p. 94, no. 1.  
**Prov.:** Bendall colln.



- 454 28 mm / 2.53 g / 6 o'clock  
**Obv.:**  $\overline{M} P - V$   
**Rev.:**  $\overline{\omega}$  to l.  
**Ref.:** Veglery – Millas 1977, p. 94, no. 1.  
**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** IC XC in field. Bust of Christ, bearded and nimbate; l. hand Gospel. Pellet in each lin of nimbus cross.

**Rev.:** Δ/Π to l., IΩ centre above, Γ/ΟΛ/Δ/Μ/Τ to r. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them model of the city with three towers. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc. S. wears military tunic, breastplate and sagion; l. hand sword, point resting on ground. Sear 2129; *DOC IV*, Type G, pl. XLV, 9: 1249/50 - 1254?

455 29 mm / 5.55 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** IΩ centre above, O to r.

**Prov.:** Bendall colln.



456 30 mm / 3.02 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** Δ to r.

**Prov.:** Bendall colln.



**Obv.:** MP OV in field. Full-length figure of Virgin nimbate, orans.

**Rev.:** IΩ ΔΠΟΔΚ ΘΔΙΜΤ in two columnar groups. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them labarum surmounting triangular decoration on long shaft. Emp. wears stemma, div. and chlamys; r. hand sword, point resting on ground. Saint wears div. and chlamys; l. hand sword, point resting on ground. Sear 2130; *DOC IV*, Type H, pl. XLV, 10: 1249/50 - 1254?

457 30 mm / 3.52 g / 6 o'clock

**Rev.:** Θ/Δ/Μ to r. Star in field on either side.

**Prov.:** Bendall colln., from Mellon colln.



458 31 mm / 2.70 g / 6 o'clock

**Obv.:** MP - OV Star in field on either side.

**Rev.:** Ω/Π to l., Θ/Δ/Μ/Τ to r.

**Prov.:** Bendall colln.



459 31 mm / 2.68 g / 6 o'clock

**Obv.:** MP - OV Star in l. field.

**Rev.:** Ω/Π/Δ/Κ to l., Ο/Δ/Μ/Τ to r.

**Prov.:** Old Ashmolean colln., from Hendy May 1968, bought in Athens 1962



**Obv.:** ΟΛΓΙΟ ΔΗΜΗΤ in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.

**Rev.:** Ψ ΟΔΚ in two columnar groups. Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand gl. cr.

Sear 2132; *DOC IV*, Type J, pl. XLV, 12: 1249/50 - 1254?

460 30 mm / 2.36 g / 6 o'clock

**Obv.:** ΟΛ/ΓΙ/Ο to l., Δ/ΗΜ to r.

**Rev.:** Ω to l., Ο/Δ to r.

**Ref.:** *DOC IV*, pl. XLV, 12.5; Sear 2132 (*this coin*).

**Prov.:** Bendall colln., from G. Zacos colln.



461 28 mm / 2.42 g / 6 o'clock

**Obv.:** Δ/Η/Η/Τ to r.

**Rev.:** Ο/Δ/Κ to r.

**Prov.:** Bendall colln.



#### Small module

462 18 mm / 1.01 g

**Obv.:** Brockage of the reverse.

**Rev.:** Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand gl. cr.

**Ref.:** *DOC IV*, pl. XLV, 12 or 13 (Type J or K); Sear 2132 or 2133.

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** Ο ΠΕΤ Full-length figure of St. Peter, bearded and nimbate, turned to l.; r. hand two keys.

**Rev.:** Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simplified type; r. hand labarum-headed sc.; l. hand gl. cr.

Sear 2133; *DOC IV*, Type K, pl. XLV, 13: 1249/50 - 1254?

463 30 mm / 2.63 g / 6 o'clock

**Obv.:** Π/Ε/Τ to r.

**Prov.:** Bendall colln.



**Obv.:** ΙC XC in field. Bust of Christ, beardless and nimbate.

**Rev.:** ΔΧ Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simplified type; r. hand labarum-headed sc.; l. hand gl. cr.

Sear 2134; *DOC IV*, Type L, pl. XLV, 14: 1249/50 - 1254?

464 27 mm / 2.09 g / 6 o'clock

**Obv.:** Brockage of the reverse.

**Rev.:** ΔΧ on r. Star in right lower field.

**Prov.:** Bendall colln.



465 21 mm / 1.19 g (clipped) / 6 o'clock

**Obv.:** C

**Prov.:** Old Ashmolean colln., from B. Braun (Ancient Arts) 31/12/1969, from Peter and Paul hoard



**Obv.:** ΙC XC in field. Christ, bearded and nimbate, wearing tunic and kolobion, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

**Rev.:** Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simplified type; r. hand sc. cr.; l. hand gl. cr.

Sear 2135; *DOC IV*, Type M, pl. XLV, 15: 1249/50 - 1254?

466 20 mm / 0.72 g (clipped) / 6 o'clock

**Ref.:** *DOC IV*, pl. XLV, 15 (*this coin*); Bendall 1978a, pl. 27, no. 309 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



## Theodore II Ducas-Lascaris (1254-1258)

### Thessalonica

#### Aspron Trachy, Billon

**Obv.:** Large cross with floriate ends to limbs; in centre, small linear cross, or dot.

**Rev.:** ΑΚΟΛΑΚΑΡΙC ΘΕΟΔΩΡ ΘΗΜΙΤΙC in three columnar groups. Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them model of the city of Thessalonica with three towers, surmounted by large stars. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc. Saint wears short military tunic, breastplate and sagion; l. hand spear, resting over shoulder.

Sear 2147; *DOC IV*, pl. XLVI, 1: 1254/55?

467 30 mm / 3.75 g / 12 o'clock

**Rev.:** Θ/ΔΗΜΙΤ/Ε/Ι/C to r.

**Ref.:** *DOC IV*, pl. XLVI, 1.6 (*this coin*).

**Prov.:** Bendall colln., from J. Malter early 1970s



468 31 mm / 3.04 g

**Rev.:** Ω/O centre above

**Ref.:** *DOC IV*, pl. XLVI, 1.1; Sear 2147 (*this coin*).

**Prov.:** Bendall colln.



## Despotate of Epirus: Manuel Comnenus-Ducas (1230-c. 1236)

### Arta

#### Aspron Trachy, Electrum

**Obv.:** ΙC XC in field. ΨΕΜΑΝΘΗΛ in two columnar groups. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll.

**Rev.:** ΜΑΝΒΗΛΔΕCΠΟΤ - ΟΑ...Δ...ΟC Full-length figure of Manuel Ducas on l., and of beardless, nimbate saint (Demetrius?); between them labarum surmounting triangular decoration on long shaft. Ruler wears stemma, div. and chlamys; r. hand sheathed sword, point resting on ground. Saint similarly dressed; l. hand sheathed sword, point resting on ground.

Sear 2229; *DOC IV*, pl. XLVI, 1: c. 1230 - 1236



- 469 31 mm / 2.30 g / 6 o'clock  
**Obv.:** IC – XC WC/MA to l., NΘ/HA to r.  
 Pellets both in limbs of nimbus cross, and in  
 between limbs.  
**Rev.:** MANVHΛΔECPOT – OA...Δ...OC  
**Ref.:** *DOC IV*, pl. XLVI, 1 (*this coin*);  
 Protonotarios 1994, pp. 60-4, no. 5 (*this coin*);  
 idem, 1983, pp. 92-3, pl. 18, no. 10 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Evans  
 bequest 1941



**Michael II Comnenus-Ducas (c. 1236-c. 1268)**  
 Arta

Aspron Trachy, Billon

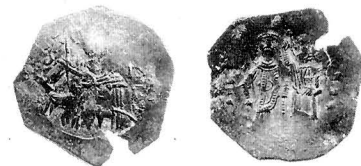
**Obv.:** P M Half-length figure of St. Michael, beardless and nimbate, wearing div., c-p and  
 panelled loros of simpl. type; r. hand jewelled sc., l. hand globus.  
**Rev.:** MIXAHΛ O ΔX Full-length figure of Michael on l., crowned by Virgin nimbate. Emp  
 wears stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia  
 Sear 2232; *DOC IV*, Type B, pl. XLVI, 3: c. 1236 - 1268

- 470 24 mm / 1.75 g / 6 o'clock  
**Obv.:** P – M  
**Ref.:** Bendall 1996, pp. 3-5, no. 9a (*this coin*);  
 Bertelè, *Dossier*, p. 127, no. 28.  
**Prov.:** Bendall colln., from Bertelè colln.



**Obv.:** ΓO ΔIMH in two columnar groups. Three-quarter-length figure of St. Demetrius,  
 beardless and nimbate; r. hand sword, l. hand shield.  
**Rev.:** IC XC in upper and r. field. Full-length figure of emperor crowned by Christ, bearde  
 and nimbate. Emp. wears stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. Chri  
 holds in l. hand Gospel.  
 Sear - ; *DOC IV* -

- 471 21 mm / 1.64 g / 6 o'clock  
**Obv.:** Γ/O to l., M/H to r.  
**Rev.:** IC Two stars in lower r. field.  
**Ref.:** Bendall 1996, pp. 3-5, no. 10(a) (*this coin*).  
**Prov.:** Bendall colln.



- 472 23 mm / 2.37 g / 6 o'clock  
**Obv.:** Δ/HA/H to r.  
**Rev.:** XC Star, crescent, star in lower r. field.  
**Ref.:** Bendall 1996, pp. 3-5, no. 10.  
**Prov.:** Bendall colln.



- 473 20 mm / 1.18 g / 6 o'clock  
**Obv.:** O/C to l., Δ/M to r.  
**Rev.:** XC Star, crescent, star in lower r. field.  
**Ref.:** Bendall 1996, pp. 3-5, no. 10(b) (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Star within crescent.  
**Rev.:** ΔC Full-length figure of Michael bearded, wearing stemma, div. and loros; r.  
 hand sc. cr.; l. hand anexikakia.  
 Sear 2234; *DOC IV* -

- 474 20 mm / 1.31 g / 12 o'clock  
**Rev.:** Δ/C to r.  
**Ref.:** Bendall 1996, pp. 3-5, nos. 8a, 8b.  
**Prov.:** Bendall colln., from O'Hara colln.



**John III (Emperor) - Michael II (Despot) (1248)**  
 Thessalonica

Aspron Trachy, Billon

**Obv.:** X/P X/M Half-length figure of St. Michael, beardless and nimbate, wearing  
 div., c-p and panelled loros of simpl. type; r. hand jewel. sc.; l. hand globus.  
**Rev.:** XM – IΩENX Columnar or circular legend. Full-length figure of emperor John,  
 on r., crowning despot Michael on l. Emperor wears stemma, div., c-p, panelled loros  
 of simpl. type and sagion; l. hand sc. cr. Despot wears stemmatogyron, div. and  
 chlamys; r. hand palm-frond.  
 Sear 2235; *DOC IV*, Var. A, pl. XLVII, 1: 1248

- 475 26 mm / 2.87 g / 6 o'clock  
**Obv.:** X/M to r.  
**Rev.:** IΩENX on r.  
**Ref.:** *DOC IV*, pl. XLVII, 1.1 (*this coin*);  
 Bendall – Hendy 1970, pp. 143-8 (as John III  
 and John Comnenus-Ducas); Bendall 1996, p.  
 4; Gerasimov 1974, pp. 319-22.  
**Prov.:** Bendall colln., from Athens 1969



## Arta

### Aspron Trachy, Billon

**Obv.:** Stylized representation of city with walls, towers, and gate.

**Rev.:** Full-length figure of emperor (?) on r., crowning despot (?). Emp. wears stemma, div c-p and jewel. loros of simpl. type; l. hand sc. cr. Despot, similarly dressed, holds r. hand to chest; l. hand anexikakia.

Sear 2237; *DOC IV*, Var. C, pl. XLVII, 3: 1248?

476 27 mm / 1.82 g / 6 o'clock

**Obv.:** IC to r.

**Ref.:** Bendall 1996, pp. 3-5, no. 7a (*this coin*); Bendall – Protonotarios 1978, pp. 178-9, no. 2; Bertelè, *Dossier*, p. 126, no. 20.

**Prov.:** Bendall colln., from Bertelè colln.



477 25 mm / 1.99 g / 6 o'clock

**Ref.:** Bendall 1996, pp. 3-5, no. 7b (*this coin*); Bendall – Protonotarios 1978, pp. 178-9, no. 2.

**Prov.:** Bendall colln.



## Ivan II Asen, Tsar of Bulgaria (1218-1241)

### Ochrida

### Aspron Trachy, Billon

**Obv.:** IC XC in field. Bust of Christ, beardless and nimbate; l. hand Gospel. Pellets in each limb of nimbus cross.

**Rev.:** ΙΩ ACΘΝΒΡCΒΑΤΥ ΔΗΜΗΤΡΙΕ in two columnar groups. Full-length figure of tsar l., and of St. Demetrius, beardless and nimbate; between them long shaft surmounted by st. Tsar wears stemma, div. and panelled chlamys; r. hand sc. cr. Saint wears short military tun breastplate and sagion; l. hand sword, point downward.

Sear - ; *DOC IV*, Type A, pl. XLVII, 2: 1230 - 1241?

478 29 mm / 2.95 g / 6 o'clock

**Obv.:** IC -

**Rev.:** CT/Δ/Δ/Η/Η to r.

**Prov.:** Bendall colln.



## Palaeologan Dynasty: Michael VIII alone (1258-1272)

### Magnesia

### Aspron Trachy, AR

**Obv.:** ΗΡ ΘV in field. Virgin nimbate, seated upon throne with side panels decorated with B B ; holds beardless, nimbate head of Christ on breast.

**Rev.:** X/M/ΔEC/ΠO/TIC, to l., X/M, to r. Full-length figure of emperor on l. clasped by St. Michael, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand on breast; l. hand anexikakia.

PCPC 8; Sear 2246; *DOC V*, Class II, pl. 2, 27: 1259/60

479 28 mm / 1.95 g / 6 o'clock

**Obv.:** ΗΡ - V

**Rev.:** X/M/ΔEC/ΠO/TI to l.

**Ref.:** PCPC 8.1 (*this coin*); Sear 2246 (*this coin*); Bendall – Donald 1982, p. 121, no. 3.

**Prov.:** Bendall colln.



**Obv.:** IC XC in field. Christ nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

**Rev.:** X/M ΔEC/TT/T to l., O/TT/Λ to r. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

New Type (Sear - ; *DOC IV/V* - )

480 27 mm / 1.58 g / 6 o'clock

**Obv.:** IC - XC Pellet above cushion of throne on either side.

**Rev.:** X/M/ΔEC/TT/T to l., O/TT/Λ to r.

**Prov.:** Bendall colln., from Bank Leu 1988



### Stamenon, AE

**Obv.:** Γ/Θ/ΦV to l., Φ/Ψ to r. Full-length figure of St. Tryphon, beardless and nimbate, wearing tunic and colobion; r. hand small cross against chest. Lily in lower field to either side.

**Rev.:** X/M/Δ/Π/Τ to l., OΠ/Λ/Γ to r. ΗΡ ΘV in upper and r. field. Full-length figure of emperor on l., blessed by Virgin, nimbate. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.

Bendall – Donald 1974, p. 1, M.1; PCPC 32; Sear 2271; *DOC IV*, Type A, pl. XXXVII, 4: 1259 - 1261?

- 481 24 mm / 1.65 g / 6 o'clock  
**Obv.:** Γ/Θ/Φ/Ν to l., ω to r.  
**Rev.:** Τ to l.  
**Ref.:** PCPC 32.1 (*this coin*).  
**Prov.:** Bendall colln.



- 482 25 mm / 2.39 g / 6 o'clock  
**Obv.:** Γ/Θ/Φ/Ν to l., ω to r.  
**Rev.:** ΘV Χ/Μ to l., ΟΠ/ΑΛ/Α to r.  
**Ref.:** PCPC 32.2 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.  
 9/11/1975



**Obv.:** IC XC in field. Christ, bearded and nimble, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.  
**Rev.:** ΧΜΔΕΠΗ ΟΤΤΑΛ in two columnar groups. Full-length figure of emperor wearing stemma, div. and panelled chlamys; r. hand labarum-headed sc.; l. hand globus surmounted patriarchal cross.  
 Bendall – Donald 1974, p. 1, M.2; PCPC 42; Sear 2279; DOC IV, Type B, pl. XXXVII, 5: 1259 - 1261?

- 483 27 mm / 2.50 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** Η/Δ/Ε/ΤΤ/Η to l., Ο/ΤΤ/ΑΛ to r.  
**Ref.:** DOC IV, pl. XXXVII, 5.1; PCPC 42.1 (*this coin*).  
**Prov.:** Bendall colln., from Pappadopoulos



- 484 20 mm / 1.04 g / 6 o'clock  
**Obv.:** C – X Four pellets, ∴, above cushion of throne in r. field.  
**Rev.:** Ο/Π/Α/Ο to r.  
**Ref.:** DOC IV, pl. XXXVII, 5.1; PCPC 42.2 (*this coin*).  
**Prov.:** Bendall colln.



## Started at Magnesia, continued at Constantinople

### Hyperpyron, AV

**Obv.:** ΗΡ ΘV in upper field. Virgin nimble, seated upon throne with back with side panels decorated with Β Β; holds beardless, nimble head of Christ on breast.  
**Rev.:** Χ to l., Ο/Π to r. IC XC in r. field. St. Michael, beardless and nimble, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and panelled loros of simpl. type.  
 PCPC 3B.1; Sear 2241; DOC V, Class II-b, - (see p. 107, table 4, II(b)): 1260 - 1261?

- 485 28 mm / 4.24 g / 6 o'clock

**Obv.:** Η – Θ  
**Rev.:** IC – XC Χ to l., Ο/Π to r.  
**Ref.:** PCPC 3B.1 (*this coin*); Bendall 1982a, pl. 13, no. 15 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



**Obv.:** ΗΡ ΘV in upper field. Virgin nimble, seated upon throne with back with side panels decorated with Κ Χ; holds beardless, nimble head of Christ on breast.  
**Rev.:** Μ centre above, Χ/Μ/ΔΕ/ΠΟ/Τ to l., ΟΠ/ΑΛ/Ε/Α to r. IC XC beside head of Christ. St. Michael, beardless and nimble, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.  
 PCPC 3C.2; Sear 2241; DOC V, Class II-c, - (see p. 107, table 4, II(c)): 1260 - 1261?

- 486 27 mm / 4.31 g / 6 o'clock

**Obv.:** ΗΡ – Θ  
**Rev.:** IC XC Χ/Μ/Ε/С to l., Μ above, ΟΠ/ΑΛ/Ε/Α to r.  
**Prov.:** Bendall colln., from ANS (by exchange)



- 487 29 mm / 4.27 g / 6 o'clock

**Obv.:** VΘ – ΗΡ  
**Rev.:** IC XC Χ/Μ/ΔΕ/ΠΟ/Τ to l., Μ above, ΟΠ/ΑΛ/Ε/Α to r.  
**Ref.:** PCPC 3C.2 (*this coin*).  
**Prov.:** Bendall colln.





## Constantinople

### Hyperpyron, AV

**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$  in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.

**Rev.:**  $\text{M}\Lambda$  above,  $\overline{\text{M}}/\Delta\text{EC}$  to l.,  $\Pi/\text{OTI}$  to r.  $\overline{\text{IC}}$   $\overline{\text{XC}}$  beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.

*PCPC* 4; Sear 2242; *DOC* V, Class III-a, pls. 1-2, 2-16

Siglon: 8 var.?

488 25 mm / 4.18 g / 6 o'clock

**Obv.:**  $\text{M}$  –  $\overline{\text{O}}$

**Rev.:**  $\overline{\text{IC}}$   $\overline{\text{X}}$   $\text{X}/\text{M}/\Delta\text{E}/\text{T}$  to l.,  $\text{O}/\text{A}$  to r.

**Ref.:** *DOC* V, pl. 1, 9; Bendall 1982a, pl. 13, no. 26 (*this coin*).

**Prov.:** Bendall colln., from Istanbul (VII) hoard



Siglon: 19

489 27 mm / 4.10 g / 6 o'clock

**Obv.:**  $\text{M}$  –  $\overline{\text{O}}$

**Rev.:**  $\text{O}/\Pi/\text{A}$  to r.

**Ref.:** Bendall 1982a, pl. 14, no. 29 (*this coin*).

**Prov.:** Bendall colln., from Istanbul (VII) hoard



Siglon: 23

490 23.5 mm / 4.22 g / 6 o'clock

**Rev.:**  $\overline{\text{XC}}$

**Ref.:** *DOC* V, pl. 2, 15; Bendall 1982a, pl. 14, no. 31 (*this coin*).

**Prov.:** Bendall colln., from Istanbul (VII) hoard



Siglon: 28

491 27 mm / 4.12 g / 6 o'clock

**Rev.:**  $\overline{\text{IC}}$  –  $\text{X}$   $\overline{\text{X}}$  to l.

**Ref.:** Bendall 1982a, pl. 14, no. 30 (*this coin*).

**Prov.:** Bendall colln., from Istanbul (VII) hoard



Siglon: 32

492 28 mm / 3.99 g / 6 o'clock

**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\overline{\text{X}}/\text{M}/\Delta/\text{EC}$  to l.,  $\text{O}/\Pi$  to r.

**Ref.:** *DOC* V, pl. 1, 2-3.

**Prov.:** Bendall colln.



Siglon: 34

493 27 mm / 4.14 g / 6 o'clock

**Obv.:**  $\text{H}$  –  $\overline{\text{O}}$

**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\overline{\text{X}}/\text{M}/\Delta\text{E}/\Pi/\text{O}/\text{T}$  to l.,  $\text{O}/\Pi/\text{A}\Lambda/$   $\text{E} \dots / \Lambda \dots$  to r.

**Ref.:** *PCPC* 4.1 (*this coin*).

**Prov.:** Bendall colln., from Glendining auction 18/6/1937, lot 131, from J.L. Balderson colln.



**Obv.:**  $\overline{\text{MP}}$   $\overline{\text{OV}}$  in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.

**Rev.:**  $\text{M}\Lambda$  above,  $\overline{\text{M}}/\Delta\text{EC}$  to l.,  $\Pi/\text{OTI}$  to r.  $\overline{\text{IC}}$   $\overline{\text{XC}}$  beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds Gospel. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.

*PCPC* 5; Sear 2243; *DOC* V, Class III-b, pl. 2, 17-25

Siglon: 47

494 25 mm / 4.10 g / 6 o'clock

**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\Pi/\Delta/\Lambda\text{E}$  to r. ( $\Pi\Delta$  as monogram)

**Ref.:** *PCPC* 5.2 (*this coin*); Bendall 1982a, pl. 15, no. 52 (*this coin*).

**Prov.:** Bendall colln., from Istanbul (VII) hoard



495 25 mm / 4.23 g / 6 o'clock

**Obv.:**  $\text{H}$  –  $\overline{\text{OV}}$

**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\text{X}/\text{H}$  to l.,  $\Pi/\Delta/\Lambda\text{E}$  to r. ( $\Pi\Delta$  as monogram)

**Prov.:** Bendall colln.



Siglon: 50

496 24 mm / 4.08 g / 6 o'clock

**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\text{O}/\Pi/\text{A}\Lambda$  to r.

**Ref.:** *PCPC* 5.3 (*this coin*).

**Prov.:** Bendall colln.



Siglon: 55

497 25 mm / 4.19 g / 6 o'clock

**Rev.:**  $\text{V}$  –  $\overline{\text{XC}}$   $\text{X}/\text{M}/\Lambda\text{C}/\text{I}/\text{T}$  to l.,  $\text{O}/\Pi/\text{A}\Lambda$  to r.

**Ref.:** Bendall 1982a, pl. 14, no. 42 (*this coin*).

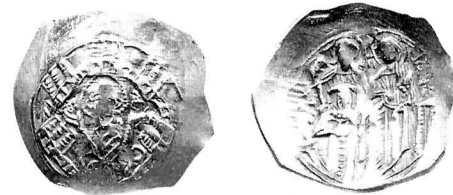
**Prov.:** Bendall colln., from Istanbul (VII) hoard



- Siglon: 57  
**498** 26.5 mm / 4.18 g / 6 o'clock  
**Obv.:**  $\overline{\text{H}} - \Theta$   
**Rev.:**  $\overline{\text{X}} \text{ X/M/}\Delta\text{C/C}\Pi\text{/OT/I}$  to l.,  $\text{V}$  to r.  
**Ref.:** *DOC V*, pl. 2, 20-1; Bendall 1982a, pl. 14, no. 41 (*this coin*).  
**Prov.:** Bendall colln., from Bank Leu 1975, from Mellon colln., from Istanbul (VII) hoard



- Siglon: 61  
**499** 28 mm / 4.13 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}} - \text{X } \overline{\text{X}}$  to l.  
**Ref.:** *DOC V*, pl. 2, 19.  
**Prov.:** Bendall colln.



- Siglon: 64  
**500** 26 mm / 4.09 g / 6 o'clock  
**Obv.:**  $\overline{\text{M}}$   
**Rev.:**  $\overline{\text{IC}} - \overline{\text{XC}} \text{ X/M/}\Lambda\text{EC}$  to l.,  $\text{O/}\Pi$  to r.  
**Ref.:** *DOC V*, pl. 2, 22.  
**Prov.:** Bendall colln.



- Siglon: 68  
**501** 24 mm / 4.21 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}} - \overline{\text{XC}} \text{ X/M/}\Lambda\text{C/}\Pi\text{/T}$  to l.,  $\text{O/}\Pi\text{/}\Lambda\Lambda$  to r.  
**Ref.:** *PCPC 5.1 (this coin)*.  
**Prov.:** Bendall colln.



- Siglon: 75/76  
**502** 26 mm / 4.12 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}}$   
**Rev.:**  $\overline{\text{IC}} - \overline{\text{XC}} \text{ X/H/}\Delta$  to l.,  $\text{O/}\Pi$  to r.  
**Prov.:** Bendall colln.



- Siglon: 77  
**503** 26 mm / 4.13 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}} - \overline{\text{XC}} \text{ O/}\Pi\text{/}\Lambda\Lambda\text{/O/}\Gamma$  to r.  
**Ref.:** Bendall 1982a, pl. 15, no. 54 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Baldwin 1980, from D.R. Walker colln., from Istanbul (VII) hoard



- Siglon uncertain  
**504** 27 mm / 3.90 g / 6 o'clock  
**Obv.:**  $\overline{\text{H}}$   
**Rev.:**  $\overline{\text{XC}} \text{ X/M/}\Delta\text{C/T}$  to l.,  $\text{O/}\Pi\text{/}\Lambda\Lambda$  to r.  
**Prov.:** Old Ashmolean colln., from E.S. Bouchier 1930



#### Aspron Trachy, AR

**Obv.:**  $\overline{\text{HP}} \overline{\text{OV}}$  in upper field. Virgin nimbate, seated upon throne with back, with side pannels each decorated with a saltire and four pellets; holds beardless, nimbate head of Christ on breast.  
**Rev.:**  $\text{X/M/}\Delta\text{EC/}\Pi\text{OT/IC}$  to l.,  $\overline{\text{IC}}$  in upper field,  $\overline{\text{XC}}$  and  $\text{O/}\Pi\text{/}\Lambda\text{E/O/}\Lambda$  to r. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll in l. hand. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.  
*PCPC 7*; Sear 2245; *DOC V*, Class IV, pl. 3, 29-32

- 505** 25 mm / 1.71 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}} - \text{V}$   
**Rev.:**  $\overline{\text{IC}} - \overline{\text{XC}} \text{ O/}\Pi\text{/}\Lambda$  to r.  
**Ref.:** *PCPC 7.1 (this coin)*; Bendall – Donald 1982, p. 121, no. 2.  
**Prov.:** Bendall colln., from I.T. Roper colln., from Sternberg auction 27/11/1975, lot 256



**Obv.:**  $\overline{\text{H/TH}}$  to l.,  $\text{MI/C}\Delta$  to r. "Prepared" throne with Gospel and instruments of Christ's passion.  
**Rev.:**  $\Lambda\text{/T}$  to l. Full-length figure of emperor on l., and of military saint; between them star on long shaft, at the end of which a globe. Emp. wears stemma, div., panelled loros of simpl. type and sagion; holds in r. hand sc. cr. Saint wears short military tunic and sagion; holds sword point downward.  
*PCPC 13*; Sear 2251; *DOC V*, Class IX, pl. 3, 37

- 506** 26 mm / 1.90 g / 6 o'clock  
**Rev.:**  $\Lambda\text{/T}$  to l.  
**Ref.:** *PCPC 13.1 (this coin)*; Bendall – Donald 1982, p. 122, no. 8.  
**Prov.:** Bendall colln., from Bank Leu 1975, from Mellon colln.



**Obv.:** Seraph facing between Β Θ .

**Rev.:** Χ/Μ/ΔΕC/ΠΟ/Τ to l., Ο/ΠΑ/ΛΕΟ to r. Full-length figure of emperor between Β Θ , wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sword point downward; l. hand anexikakia.

**PCPC** 18; Sear 2256; *DOC* V, Class X, pl. 3, 38

**507** 23.5 mm / 1.73 g / 6 o'clock

**Rev.:** Χ/Μ/ΔΕC/ΠΟ/ΤΛ to l., Ο/ΠΛ/Λ to r.

**Ref.:** *PCPC* 18 (*this coin*); Sear 2256 (*this coin*); Bendall – Donald 1982, p. 122, no. 12.

**Prov.:** Bendall colln., from Munich 11/1/1976



Stamenon, AE

**Obv.:** ΙC XC in field. Bust of Christ, beardless and nimbate; r. hand raised in benediction; l. hand scroll. Κ Χ in field.

**Rev.:** Χ/Μ/ΔΕC/Π/ΤΙC to l., Ο/ΠΑ/ΛΕ/ΟΛ to r. ΙC XC beside head of Christ. Kneeling figure of emperor wearing div., c-p, and jewel. loros of simpl. type, being presented by St. Michael, beardless and nimbate, to Christ, who crowns him with r. hand and holds scroll in

Bendall – Donald 1974, p. 3, C.1; *PCPC* 20; Sear 2259; *DOC* V, Class I, pl. 4, 46-51: 1261/

**508** 26 mm / 3.54 g / 6 o'clock

**Obv.:** ΙC – Χ

**Rev.:** ΙC – XC Χ/Μ/Ε/C/O to l., Ο/Π/Λ/O to r.

**Ref.:** *PCPC* 20.1 (*this coin*); Sear 2259 (*this coin*).

**Prov.:** Bendall colln.



**509** 26 mm / 2.41 g / 6 o'clock

**Obv.:** XC

**Ref.:** *PCPC* 20.3 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** ΗΡ ΘV in upper field. Virgin nimbate, seated upon throne with back, with side panels each decorated with a saltire and four pellets; holds beardless, nimbate head of Christ on brea

**Rev.:** Χ/Μ/ΔΕC/Π/ΤΙC to l., Ο/ΠΑ/ΛΕ/ΟΛ to r. ΙC XC beside head of Christ. Kneeling figure of emperor wearing div., c-p, and jewel. loros of simpl. type, being presented by St. Michael, beardless and nimbate, to Christ, who crowns him with r. hand and holds scroll in

Bendall – Donald 1974, p. 3, C.2; *PCPC* 21; Sear 2260; *DOC* V, Class II, pl. 4, 52-5

**510** 26 mm / 3.22 g / 6 o'clock

**Obv.:** ΘV

**Rev.:** XC Χ/Η to l., ΟΠ/Λ/O to r.

**Ref.:** *PCPC* 21.1 (*this coin*).

**Prov.:** Bendall colln.



**511** 28 mm / 4.05 g / 6 o'clock

**Obv.:** ΗΡ – ΘV

**Rev.:** ΙC – Χ

**Prov.:** Bendall colln.



**512** 24 mm / 2.46 g / 6 o'clock

**Obv.:** ΗΡ – ΘV

**Rev.:** ΙC – Χ

**Prov.:** Bendall colln.



**513** 29 mm / 3.06 g / 6 o'clock

**Obv.:** ΗΡ

**Rev.:** ΙC – Χ

**Prov.:** Old Ashmolean colln., from J.G. Milne, from Artemision



**Obv.:** ΙC XC in field. Bust of Christ, bearded and nimbate; l. hand Gospel. Two groups of three pellets in field.

**Rev.:** Χ/Μ/ΔΕC/ΠΟ/ΤS (or var.) to l., Χ/Μ to r. Full-length figure of emperor on l., and of St. Michael, beardless and nimbate; between them labarum on long shaft. Emp. wears div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.

Bendall – Donald 1974, p. 5, C.4; *PCPC* 22 (but as St. George on rev.); Sear 2261; *DOC* V, Class III, pl. 4, 56-7

**514** 25 mm / 3.00 g / 6 o'clock

**Obv.:** C – XC

**Rev.:** ΕC/ΠΟ to l., Χ/Μ to r. Three pellets r. in the field.

**Ref.:** *PCPC* 22.2 (*this coin*).

**Prov.:** Bendall colln., from I.T. Roper colln. 9/11/1975





- 515 26 mm / 2.41 g / 6 o'clock  
**Obv.:**  $\overline{\text{C}}$  –  $\overline{\text{XC}}$   
**Rev.:**  $\overline{\text{X}}/\text{M}/\dots/\text{C}\Pi$  to l.,  $\overline{\text{X}}/\text{M}$  to r.  
**Prov.:** Bendall colln.



**Obv.:**  $\overline{\text{HP}}$   $\overline{\text{OV}}$  in upper field. Virgin nimbate, seated upon throne without back; holds beardless, nimbate head of Christ on breast.  
**Rev.:** Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.  
 Bendall – Donald 1974, p. 5, C.5; *PCPC* 23; Sear 2262; *DOC* V, Class III bis, pl. 4, 58

- 516 23 mm / 2.48 g / 6 o'clock  
**Obv.:**  $\Theta\text{V}$  (Three pellets above cushion of throne in r. field.)  
**Ref.:** *PCPC* 23.2 (*this coin*).  
**Prov.:** Bendall colln.



- 517 24 mm / 1.94 g / 6 o'clock  
**Obv.:**  $\overline{\text{OV}}$  ( $\Theta$  B above cushions of throne in field.)  
**Ref.:** *PCPC* 23.3 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul May 1971



**Obv.:**  $\overline{\text{HP}}$  –  $\overline{\text{OV}}$  in upper field. Virgin nimbate, seated upon throne with back with side pane decorated with B B; holds beardless, nimbate head of Christ.  
**Rev.:**  $\overline{\text{X}}/\text{M}/\Delta/\text{E}/\text{C}/\Pi\text{O}/\text{T}$  (or var.) to l.,  $\overline{\text{X}}/\text{M}$  to r. Full-length figure of emperor on l., embraced by St. Michael, beardless and nimbate. Emp. wears div., c-p, and panelled loros of simpl. type; holds r. hand on breast, and anexikakia in l.  
 Bendall – Donald 1974, p. 5, C.6; *PCPC* 24; Sear 2263; *DOC* V, Class IV, pl. 4, 59-63

- 518 27 mm / 2.16 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}}$  –  $\overline{\text{OV}}$   
**Rev.:**  $\overline{\text{X}}$  to l.,  $\text{O}/\Pi/\text{A}$  to r.  
**Ref.:** *PCPC* 24.1 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul Aug. 1970



- 519 25 mm / 3.10 g / 6 o'clock  
**Rev.:**  $\overline{\text{X}}/\text{M}$  to l.  
**Ref.:** *PCPC* 24.3 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul Aug. 1970

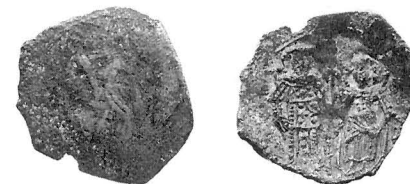


**Obv.:**  $\overline{\text{HP}}$   $\overline{\text{OV}}$  in upper field. Full-length figure of Virgin nimbate, orans, three quarters left.  
**Rev.:** Full-length figure of emperor on l., and of St. George, beardless and nimbate; between them labarum on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr. Saint wears short military tunic, breastplate and sagion.  
 Bendall – Donald 1974, p. 7, C.7; *PCPC* 25; Sear 2264; *DOC* V, Class V, pl. 4, 64-5

- 520 24 mm / 2.18 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}}$  –  $\Theta$   
**Ref.:** *PCPC* 25.2 (*this coin*).  
**Prov.:** Bendall colln.



- 521 25.5 mm / 2.02 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}}$   
**Prov.:** Bendall colln.



**Obv.:**  $\text{O}/\text{A}/\Pi/\text{S}$  to l.,  $\Delta/\text{M}/\text{F}/\text{S}$  to r., or var. Full-length figure of St. Demetrius, beardless and nimbate, wearing short military tunic, breastplate and sagion; r. hand spear; l. hand shield.  
**Rev.:**  $\overline{\text{X}}/\text{M}/\Delta/\text{E}$  to l.,  $\text{O}/\Pi/\Lambda/\text{E}/\text{O}/\Gamma$  to r., or var.  $\overline{\text{HP}}$   $\overline{\text{OV}}$  in upper and r. field. Full-length figure of emperor on l., blessed by Virgin, nimbate. Emp. wears stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand anexikakia.  
 Bendall – Donald 1974, p. 7, C.8; *PCPC* 26; Sear 2265; *DOC* V, Class VI, pl. 5, 66-9

- 522 30 mm / 4.14 g / 6 o'clock  
**Obv.:**  $\text{O}/\Delta/\Gamma/\text{I}/\text{O}$  to l.,  $\Delta/\text{M}/\text{F}/\text{I}/\text{O}/\text{C}$  to r.  
**Rev.:**  $\overline{\text{OV}}$   $\overline{\text{X}}/\text{M}$  to l.,  $\text{O}/\Pi$  to r.  
**Ref.:** *PCPC* 26.1 (*this coin*); Sear 2265 (*this coin*).  
**Prov.:** Bendall colln., from Milas colln.



- 523 25 mm / 2.89 g / 6 o'clock  
**Obv.:**  $\text{O}/\text{A}/\Gamma/\text{I}/\text{C}$  to l.,  $\text{H}/\text{M}/\text{F}$  to r.  
**Rev.:**  $\overline{\text{HP}}$  –  $\overline{\text{OV}}$   $\text{O}/\Pi/\Lambda/\text{C}/\text{O}/\Gamma$  to r.  
**Ref.:** *PCPC* 26.2 (*this coin*).  
**Prov.:** Bendall colln., from Greek collector May 1976



**Obv.:** Ⓞ/Δ or var. to l., Η/Φ or var. to r. Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.  
**Rev.:** Χ/Μ/Δ or var. to l., Ο/Π/Λ or var. to r. Half-length figure of emperor supported by St. Michael, beardless and nimbate, standing behind him. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.  
 Bendall – Donald 1974, p. 7, C.9; *PCPC* 27; Sear 2266; *DOC* V, Class VII, pl. 5, 70

- 524** 24 mm / 2.32 g / 6 o'clock  
**Obv.:** Γ/Ⓞ/Ι to l., Η/Φ to r.  
**Rev.:** Χ/Μ to l., Ο/Π/Λ to r.  
**Ref.:** *PCPC* 27.1 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** Ο/ΑΓΙ/Σ to l., ΓΕ/ΕΓΓ/Σ to r., or var. Bust of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield.  
**Rev.:** Χ/Μ/ΔΕ/ΣΠ/ΟΤ to l., Ο/Π/Λ/Ω/Γ/Ι to r., or var. Full-length figure of emperor on l., and of St. Constantine, bearded; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand labarum-headed sc. Saint similar dressed; l. hand trilobite sc.  
 Bendall – Donald 1974, p. 9, C.10; *PCPC* 28; Sear 2267; *DOC* V, Class VIII, pl. 5, 71-2

- 525** 26.5 mm / 3.03 g / 6 o'clock  
**Obv.:** Ο/Σ to l., Γ/Σ/Ε/Ο to r.  
**Rev.:** Ο/Π to r.  
**Ref.:** *PCPC* 28.1 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln. 9/11/1975



- 526** 25 mm / 2.44 g / 6 o'clock  
**Obv.:** Ο/Γ/Α to l., Β/Γ to r.  
**Rev.:** Χ/Μ/ΔΕ/ΣΤΙ to l.  
**Ref.:** *PCPC* 28.2 (*this coin*).  
**Prov.:** Bendall colln., from O'Hara colln.



**Obv.:** Χ/Μ to r. Half-length figure of St. Michael, beardless and nimbate, wearing div., c-p and loros; r. hand trilobate sc. resting over shoulder; l. hand globus.  
**Rev.:** Χ/Μ to l. Full-length figure of emperor on l., and of St. Demetrius (?), beardless and nimbate; between them labarum on long shaft, that ends to three steps. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand cruciform sc. Saint wears tunic, breastplate and sagion.  
 Bendall – Donald 1974, p. 9, C.11; *PCPC* 29; Sear 2268; *DOC* V, Class IX, pl. 5, 73-6 (but : St. Theodore (?) on rev.)

- 527** 26.5 mm / 2.33 g / 6 o'clock  
**Obv.:** Ο/Λ/Χ to l., Η to r.  
**Rev.:** Χ/Δ to l., Γ/Σ to r.  
**Ref.:** *PCPC* 29.1 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



- 528** 24 mm / 2.50 g / 6 o'clock  
**Rev.:** Ο/Σ to l.  
**Ref.:** *PCPC* 29.2 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** Half-length figure of St. Michael, beardless and nimbate; r. hand spear resting over shoulder; l. hand globus.  
**Rev.:** Χ/Μ or var. to l., Ⓞ/Γ/Ε to r. Half-length figure of emperor on l., and of St. George, beardless and nimbate; between them patriarchal cross on long shaft. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr. Saint wears tunic, breastplate and sagion; l. hand sheathed sword. *Manus Dei* in upper l. field.  
 Bendall – Donald 1974, p. 9, C.12; *PCPC* 30; Sear 2269; *DOC* V, Class X, pl. 5, 77-8

- 529** 25 mm / 3.13 g / 6 o'clock  
**Rev.:** Χ/Η to l., Ⓞ/Γ/Ε to r.  
**Ref.:** *PCPC* 30.2 (*this coin*); Sear 2269 (*this coin*).  
**Prov.:** Bendall colln., ex H. Weller summer 1975



- 530** 24 mm / 1.55 g / 6 o'clock  
**Rev.:** Emperor holds in r. hand labarum-headed sc.?  
**Prov.:** Bendall colln., from Munich Coin Fair Apr. 1975



**Obv.:** Ο/ΑΓΙ/Ο/Σ to l., Θ/ΕΟΔ/ΡΟ/Σ to r., or var. Half-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.  
**Rev.:** Χ/Μ to l., ΟΠ/Α/Λ/Ο/Σ to r., or var. ΙC ΧC in upper and r. field. Full-length figure of emperor on l. crowned by Christ, bearded and nimbate. Emp. wears stemma, div., c-p and loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.  
 Bendall – Donald 1974, p. 11, C.13; *PCPC* 31; Sear 2270; *DOC* V, Class XI, pl. 5, 79-81

- 531 25 mm / 2.68 g / 6 o'clock  
**Obv.:** O/ΑΓΙ/Ο to l.  
**Rev.:** Χ/Μ to l.  
**Ref.:** *PCPC* 31.1 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** Η/ΤΗ to l., ΜΙ/ΣΔ to r. "Prepared" throne with Gospel and instruments of Christ's passion.  
**Rev.:** Χ/Η to l., Θ/Γ to r., or var. Full-length figure of emperor on l., and of military saint, bearded and nimbate; between them labarum (or star) on long shaft. Emp. wears stemma, diadem, loros of simpl. type and sagion; r. hand sc. cr. Saint wears short military tunic; l. hand sword, point downward.  
*PCPC* 33; Sear 2272; *DOC* V, Class XII, pl. 5, 82

- 532 23 mm / 1.41 g / 6 o'clock  
**Obv.:** Η to l., Δ to r.  
**Rev.:** Χ/Η to l.  
**Ref.:** Bendall 1976a, pp. 231-4.  
**Prov.:** Bendall colln.



- 533 24 mm / 2.32 g / 6 o'clock  
**Obv.:** ΗΙΙ/ΔΣ to r.  
**Rev.:** Τ/Ι to l., Θ/Γ to r.  
**Prov.:** Bendall colln.



- 534 22.5 mm / 2.38 g / 6 o'clock  
**Prov.:** Bendall colln.

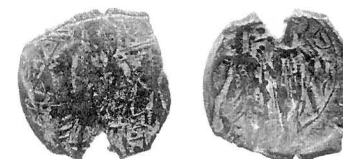


**Obv.:** Virgin, nimbate, seated upon throne with back with side panels each decorated with a saltire with four pellets; holds beardless, nimbate head of Christ on breast?  
**Rev.:** Α/Γ/Ι to r. Full-length figure of emperor on l., and of military saint (St. Theodore?), bearded and nimbate; between them labarum on long shaft. Emp. wears stemma, diadem and chlamys; r. hand sc. cr. Saint wears short military tunic, breastplate and sagion; l. hand sword point downward.  
*PCPC* - ; Sear - ; *DOC* V, Class XIII, pl. 5, 83

- 535 23 mm / 2.19 g / 6 o'clock  
**Rev.:** Θ/Τ/Ι to r.  
**Ref.:** *DOC* V, pl. 5, 83 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul 1971



- 536 22.5 mm / 2.80 g / 6 o'clock  
**Rev.:** Θ/Γ/Ι/Σ to r.  
**Prov.:** Bendall colln.



**Obv.:** ΙΣ ΧΣ in field. Bust of Christ, bearded and nimbate; l. hand Gospel.  
**Rev.:** ΜΧ ΔΕΣ, or var. on l. Emperor seated upon throne without back, wearing stemma, diadem, c-p and panelled loros of simpl. type; r. hand labarum-headed sc.; l. hand model of city.  
Bendall – Donald 1974, p. 11, C.14; *PCPC* 34; Sear 2273; *DOC* V, Class XIV, pl. 6, 84-5

- 537 24 mm / 2.11 g / 6 o'clock  
**Obv.:** Σ  
**Rev.:** ΙΧΣ/Μ/ΔΕΣ/Π to l.  
**Ref.:** *PCPC* 34.2 (*this coin*).  
**Prov.:** Bendall colln.



- 538 23 mm / 2.39 g / 6 o'clock  
**Obv.:** Χ  
**Ref.:** *PCPC* 34.3 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** ΗΡ ΘΥ in field. Full-length figure of Virgin, nimbate, orans, standing three-quarters l. Β Β in field.  
**Rev.:** ΧΜ/ΔΕΣ/ΠΤ to l., Ο/Π/ΑΛ/ΕΛ to r., or var. Emperor seated upon throne without back, wearing stemma, diadem, c-p and panelled loros of simpl. type; r. hand labarum headed sc.; l. hand globus surmounted by patriarchal cross.  
Bendall – Donald 1974, p. 11, C.15; *PCPC* 36; Sear 2274; *DOC* V, Class XV, pl. 6, 86-90

- 539 25 mm / 2.17 g / 6 o'clock  
**Obv.:** ΘΥ Β in r. field.  
**Rev.:** Δ/ΛΕ to r. Emperor holds in l. hand gl. cr.  
**Ref.:** *PCPC* 36.2 (*this coin*).  
**Prov.:** Bendall colln.



- 540 25 mm / 2.81 g / 6 o'clock  
**Obv.:** Β in l. field.  
**Rev.:** Η/Δ/Ε/Π/Γ/Λ to l., Ι/Π to r.  
**Ref.:** *PCPC* 36.1 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.





**Obv.:**  $\overline{\text{HP}}$  –  $\overline{\text{OV}}$  in field. Bust of Virgin nimbate, orans.

**Rev.:**  $\times/\text{M}/\Delta/\epsilon/\text{C}/\Pi$  to l.,  $\text{O}/\Pi/\Lambda/\epsilon/\text{O}/\Gamma/\text{S}$  to r., or var. Emperor seated upon throne with back wearing stemma, div. and loros; holds sword across knees.

Bendall – Donald 1974, p. 13, C.16; *PCPC* 37; Sear 2275; *DOC* V, Class XVI, pl. 6, 91-5

541 26 mm / 2.90 g / 6 o'clock

**Obv.:**  $\overline{\text{HP}}$  –  $\overline{\text{OV}}$

**Rev.:**  $\overline{\text{MI}}/\Delta/\Pi/\Gamma/\Lambda$  to l.,  $\text{O}/\Pi/\Lambda/\epsilon/\Lambda$  to r.

**Ref.:** *PCPC* 37.1 (*this coin*).

**Prov.:** Bendall colln., from R.N. Bridge (gift)



542 25 mm / 2.12 g / 6 o'clock

**Obv.:**  $\overline{\text{OV}}$

**Rev.:**  $\overline{\text{M}}$  to l.,  $\text{O}/\Pi/\Lambda/\epsilon/\text{C}/\text{O}/\Lambda/\Gamma$  to r.

**Ref.:** *PCPC* 37.2 (*this coin*); Sear 2275 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** Figure of cherub, with four wings holding two spears.

**Rev.:** Emperor seated upon throne with back, wearing stemma, div., c-p and panelled loros simpl. type; r. hand labarum-headed sc.; l. hand anexikakia.

Bendall – Donald 1974, p. 13, C. 18; *PCPC* 40 (but as seraphim on obv.); Sear 2276; *DOC* Class XVII, pl. 6, 96-9

543 24 mm / 1.78 g / 6 o'clock

**Ref.:** *PCPC* 40.1 (*this coin*); Vegler – Millas 1977, p. 95, no. 4.

**Prov.:** Bendall colln., from G. Zacos colln.



544 21 mm / 1.36 g / 6 o'clock

**Prov.:** Bendall colln.



545 22 mm / 1.61 g (clipped) / 6 o'clock

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in upper field. Full-length figure of Christ, bearded and nimbate, standing on dais; r. hand in benediction in sling of cloak; l. hand Gospel.

**Rev.:**  $\times/\text{M}$  to l. Emperor seated upon throne with back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum-headed sc., l. hand gl. cr.

Bendall – Donald 1974, p. 37, UC.4; *PCPC* 35; Sear 2290; *DOC* V, Class XVIII, pl. 6, 100-2

546 26 mm / 2.28 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$

**Rev.:**  $\times/\text{M}$  to l.

**Ref.:** *PCPC* 35.1 (*this coin*).

**Prov.:** Bendall colln., from G. Zacos colln.



547 27 mm / 2.76 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$

**Ref.:** *PCPC* 35.2 (*this coin*).

**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** Virgin, nimbate, seated upon throne with back, with side panels each decorated with a saltire with four pellets; holds beardless, nimbate head of Christ on breast.

**Rev.:**  $\Lambda/\Pi$  to r. Emperor seated upon throne without back, wearing stemma, div., c-p, and jewel. loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.

Bendall – Donald 1974, p. 37, UC.5; *PCPC* 38; Sear 2291; *DOC* V, Class XIX, pl. 7, 103

548 24 mm / 2.00 g / 6 o'clock

**Rev.:**  $\Lambda/\Pi$  to r.

**Ref.:** *DOC* V, pl. 7, 103 (*this coin*); *PCPC* 38.1 (*this coin*); Sear 2291 (*this coin*).

**Prov.:** Bendall colln., ex H. Weller



**Obv.:**  $\times/\text{M}$  to l.,  $\mathcal{P}$  to r. Full-length figure of St. Michael standing l.; r. hand patriarchal cross on long shaft; l. hand trilobate sc.?

**Rev.:**  $\Delta/\Pi$  to l., or var. Emperor seated upon throne with back, wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand gl. cr.

*PCPC* 39; Sear - ; *DOC* V, Class XX, pl. 7, 104-5

549 23 mm / 2.28 g / 6 o'clock

**Ref.:** *PCPC* 39.1 (*this coin*).

**Prov.:** Bendall colln.



550 21 mm / 1.45 g (clipped) / 6 o'clock

**Obv.:** ☩ ☩ in field.

**Rev.:** Δ/Π to l.

**Ref.:** PCPC 39.2 (*this coin*).

**Prov.:** Bendall colln., from Mellon colln.



551 25 mm / 1.75 g / 6 o'clock

**Obv.:** Ⲁ to r. Full-length figure of St. Michael standing r.; r. hand spear; l. hand patriarchal cross on long shaft.

**Rev.:** Μ/Π to l., Χ/Γ to r.

**Ref.:** PCPC 39.3 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** ⲓϥ ⲗϥ in upper field. Bust of Christ, beardless and nimbate; l. hand scroll. Α Α in field.

**Rev.:** Χ/Μ to l., Ο/Π/ΑΛ/ΕΟ/ΛΟ/Γ to r. Full-length figure of emperor, wearing stemma, div., jewel. loros of simplified type and sagion; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

Bendall – Donald 1974, p. 15, C.20; PCPC 41; Sear 2277; DOC V, Class XXI, pl. 7, 106

552 25 mm / 2.54 g / 6 o'clock

**Obv.:** C – X

**Rev.:** Ο/Π/ΑΛ/ΛΙ/Λ/Α to r.

**Ref.:** PCPC 41.1 (*this coin*).

**Prov.:** Bendall colln.



553 23 mm / 2.64 g / 6 o'clock

**Obv.:** ⲓϥ – ⲗ A in r. field.

**Rev.:** Χ/Μ to l.

**Ref.:** PCPC 41.2 (*this coin*); Sear 2277 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** ⲓϥ ⲗϥ in field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand Gospel.

**Rev.:** Χ/Μ/ΔΕC/ΠΟΤ/CI to l., Π/Λ to r. Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand model of city with three towers. Β θ in field.

Bendall – Donald 1974, p. 29, T.9; PCPC 44; Sear 2280; DOC V, Class XXII, pl. 7, 107-8

554 24 mm / 1.66 g / 6 o'clock

**Obv.:** ΧC

**Rev.:** Χ/Μ/ΔΕC/Π to l., Π/Λ to r.

**Ref.:** PCPC 44.1 (*this coin*); Veglery – Millas 1977, pp. 95-6, no. 5.

**Prov.:** Bendall colln., ex H. Weller summer 1974



555 23 mm / 2.05 g / 6 o'clock

**Obv.:** X

**Rev.:** Ο/Π to r.

**Ref.:** PCPC 44.2 (*this coin*).

**Prov.:** Bendall colln.



556 23 mm / 1.95 g / 6 o'clock

**Obv.:** ⲓϥ – X

**Rev.:** ⲗ/Μ/ΔΕC/Π/Τ/Λ/C to l., Ο/Π to r. Β Β in field.

**Prov.:** Bendall colln.



**Obv.:** ⲓϥ ⲗ in upper field. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ on breast.

**Rev.:** Χ/Μ/ΔΕC/ΠΟ/Τ/Σ to l., Ο/Π/Α/ΛΕ/ΟΛ/Ο/Γ/Σ to r., or var. Full-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; sheathed sword in both hands horizontally across waist.

Bendall – Donald 1974, p. 15, C.21; PCPC 45; Sear 2281; DOC V, Class XXIII, pl. 7, 109

557 26 mm / 2.27 g / 6 o'clock

**Obv.:** ⲓϥ – ⲗ Throne with side panels each decorated with a saltire with four pellets.

**Rev.:** Χ/Η/ΔΕC/Π/C to l., Ο/Π/Α/ΛΕ/ΛΟ/Γ to r.

**Ref.:** PCPC 45.1 (*this coin*).

**Prov.:** Bendall colln.



558 25 mm / 1.74 g / 6 o'clock

**Obv.:** ⲓϥ Throne with side panels decorated with ϥ ϥ.

**Rev.:** Χ/Μ/ΔΕC/ΠΟ/Τ/Σ to l., Π/Α/ΛΕ/ΛΟ to r.

**Ref.:** PCPC 45.2 (*this coin*); Bendall 1987b, p. 3, fig. 1 (*this coin*).

**Prov.:** Bendall colln., ex H. Weller 1980



- 559** 26 mm / 2.19 g / 6 o'clock  
**Obv.:** Throne with side panels decorated with  
 ⲉ ⲙ.  
**Rev.:** X to l., O/ΠA/A/O to r.  
**Prov.:** Old Ashmolean colln., from Sabin  
 galleries 1960



**Obv.:** O/A/ΓI to l., Γ/Ε/Θ to r., or var. Full-length figure of St. George, beardless and  
 nimbate, wearing tunic, breastplate and sagion; r. hand spear; rests his l. hand on shield.  
**Rev.:** X/M/ΔΕC/ΠO/T to l., O/ΠA/ΛΕ/O/Λ/Γ to r., or var. Full-length figure of emperor  
 wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand labarum on long shaft;  
 hand anexikakia.  
 Bendall – Donald 1974, p. 17, C.22; *PCPC* 46; Sear 2282; *DOC* V, Class XXIV, pl. 7, 110-

- 560** 25 mm / 2.39 g / 6 o'clock  
**Obv.:** O/A/Γ to l.  
**Rev.:** X/M/C/O to l., O/Π to r.  
**Ref.:** *PCPC* 46.1 (this coin).  
**Prov.:** Bendall colln., from G. Zacos colln.



- 561** 25 mm / 2.13 g / 6 o'clock  
**Obv.:** O/Λ/Γ to l., P to r.  
**Rev.:** O/Π/Λ to r.  
**Ref.:** *PCPC* 46.4 (this coin).  
**Prov.:** Bendall colln.



**Obv.:** a) X/M to l. or b) X/A/P/Γ (or var.) to l. and X/M to r. Full-length figure of St.  
 Michael, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand  
 rests on shield.  
**Rev.:** X/M/I/ΔΕ/C/ΠO/T/S to l., O/ΠA/ΛΕ/O/Λ/O/Γ/S to r., or var. Full-length figure of  
 emperor wearing stemma, div., jewel. loros of simplified type and sagion; r. hand labarum-  
 headed sc.; l. hand anexikakia.  
 Bendall – Donald 1974, p. 17, C.23; *PCPC* 2 (but as Magnesia); Sear 2283; *DOC* V, Class  
 XXV, pl. 7, 114-22

- 562** 26 mm / 2.43 g / 6 o'clock  
**Obv.:** X to l., X/M to r.  
**Rev.:** X/M/ΔΕ/O to l., O/ΠA/Λ/O/Λ/.../O to r.  
**Ref.:** *PCPC* 2.1 (this coin).  
**Prov.:** Bendall colln., from Istanbul Aug. 1970



- 563** 27 mm / 3.12 g / 6 o'clock  
**Obv.:** X to l.  
**Rev.:** Ε/C to l., O/ΠA/Λ to r.  
**Ref.:** *PCPC* 2.2 (this coin).  
**Prov.:** Bendall colln., from I.T. Roper colln.



**Obv.:** X/M to l. Full-length figure of St. Michael, beardless and nimbate, wearing  
 tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand resting on  
 shield.  
**Rev.:** X/M/Δ/Π to l., O/ΠA/ΛΕ/O/Λ/ΓC to r. Full-length figure of emperor wearing  
 stemma, div. and chlamys; r. hand trilobite sc.; l. hand gl. cr.  
 Bendall – Donald 1974, p. 17, C.24; *PCPC* 47; Sear 2284; *DOC* V, Class XXVI, pl. 8,  
 123-4

- 564** 22 mm / 1.64 g / 6 o'clock  
**Obv.:** X/M to r.  
**Rev.:** X/M to l.  
**Ref.:** *PCPC* 47.1 (this coin).  
**Prov.:** Bendall colln., from I.T. Roper colln.



- 565** 22 mm / 2.21 g / 6 o'clock  
**Rev.:** T to l., ΛΛ/Γ to r.  
**Ref.:** *PCPC* 47.2 (this coin).  
**Prov.:** Bendall colln.



**Obv.:** O/A/ΓI/O to l., NI/KO/ΛA/S to r. Bust of St. Nicholas, bearded and nimbate,  
 wearing episcopal vestments (sticharion, felonion and omophorion); l. hand Gospel.  
**Rev.:** X/M/ΔΕ/C/ΠO/TI to l., O/ΠA/Λ... to r. Full-length figure of emperor wearing  
 stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia.  
*Manus Dei* in upper r. field.  
 Bendall – Donald 1974, p. 19, C.25; *PCPC* 48; Sear 2285; *DOC* V, Class XXVII, pl.  
 8, 125-6

- 566** 25 mm / 2.45 g / 6 o'clock  
**Obv.:** O/A/ΓI/O to l., NI/KO/ΛA to r.  
**Rev.:** X/M/ΔI/Π to l., O/Π/Λ to r.  
**Ref.:** *PCPC* 48.1 (this coin).  
**Prov.:** Bendall colln.





**Obv.:** Large patriarchal cross with pelleted ends on floriate base.

**Rev.:**  $\bar{\chi}/M/\Delta E/\Pi/\Gamma$  to l.,  $O/\Pi/\Lambda/C$  to r. Half-length figure of emperor wearing stemma, div. a. panelled chlamys (?); r. hand labarum-headed sc.; l. hand gl. cr. *Manus Dei* in upper r. field.  
Bendall – Donald 1974, p. 21, C.28; *PCPC* 49; Sear 2288; *DOC* V, Class XXVIII, pl. 8, 127

567 25 mm / 1.59 g / 6 o'clock

**Rev.:**  $\chi/M/\chi/\chi$  to l.

**Ref.:** *PCPC* 49.1 (*this coin*).

**Prov.:** Bendall colln., from G. Zacos colln.



568 25 mm / 2.73 g / 6 o'clock

**Rev.:**  $O/\Pi/\Lambda/\Gamma$  to r.

**Ref.:** *PCPC* 49.2 (*this coin*).

**Prov.:** Bendall colln.

**Obv.:** Winged seraph.

**Rev.:**  $\bar{\chi}/M/\Delta E/C/\Pi/O/\Gamma/C$  to l.,  $\bar{O}/\Pi/\Lambda/\Lambda E/O/\Lambda/O$  to r. Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross.

Bendall – Donald 1974, p. 21, C.29; *PCPC* 50; Sear 2289; *DOC* V, Class XXIX, pl. 8, 129

569 23 mm / 2.43 g / 6 o'clock

**Rev.:**  $\bar{\chi}/\Pi/\Delta$  to l.,  $\Pi$  to r.

**Ref.:** *PCPC* 50.1 (*this coin*).

**Prov.:** Bendall colln., from O'Hara colln.



570 23 mm / 2.22 g / 6 o'clock

**Rev.:**  $O/\Pi/\Lambda E/O$  to r.

**Ref.:** *PCPC* 50.2 (*this coin*); Weller 1969, pl. 12, no. 12 (*this coin*).

**Prov.:** Bendall colln., from Bergama (II) hoard



571 21 mm / 1.31 g / 6 o'clock

**Ref.:** *PCPC* 50.3 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:**  $\bar{\iota}\bar{C} \bar{\chi}C$  in upper field. Bust of Christ beardless and nimbate, between  $\Pi$  and  $\Pi$ .

**Rev.:**  $\bar{\chi}/M/\Delta E/C/\Pi/O$  to l.,  $O/\Pi/\Lambda/\Lambda E$  to r. Full-length figure of emperor, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand labarum on long shaft; l. hand anexikakia. *Manus Dei* in upper r. field.

*PCPC* 43; Sear 2278; *DOC* V, Class XXX, pl. 8, 130

572 22 mm / 2.27 g / 6 o'clock

**Obv.:**  $\bar{\chi}$

**Rev.:**  $\chi/M/\Delta C$  to l.,  $\Gamma/\Lambda/E$  to r.

**Ref.:** *PCPC* 43.1 (*this coin*); Veglery – Millas 1977, p. 96, no. 6; Bendall – Donald 1976, p. 93, New Types, Constantinople.

**Prov.:** Bendall colln.



573 24 mm / 2.46 g / 6 o'clock

**Obv.:**  $\iota C - \bar{\chi}$  ( $\Pi$  in l. field.)

**Rev.:**  $\chi/\Pi$  to l.,  $\Pi/\Lambda/\Lambda$  to r.

**Ref.:** *PCPC* 43.2 (*this coin*).

**Prov.:** Bendall colln.



## Thessalonica

### Hyperpyron, AV

**Obv.:**  $\bar{\iota}\bar{P} \bar{\Theta}V$  in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.

**Rev.:**  $M\Lambda$  above,  $\bar{M}/\Delta E/C$  to l.,  $\Pi/O/\Gamma$  to r.  $\bar{\iota}C \bar{\chi}C$  beside head of Christ. St.

Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds scroll. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.

*PCPC* 61.1/3; Sear - ; *DOC* V, Class III-a, pl. 1, 4-5

Siglon: 3

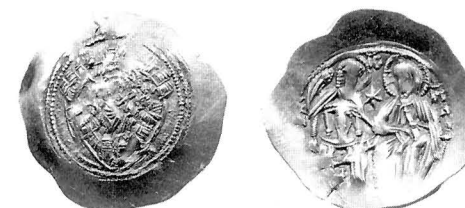
574 28.5 mm / 3.99 g / 6 o'clock

**Obv.:**  $\bar{\iota}\bar{P} - \bar{\Theta}V$

**Rev.:**  $\bar{\iota}C - \bar{\chi}C \bar{\chi}/M$  to l. Star between heads.

**Ref.:** *DOC* V, pl. 1, 4-5; Bendall 1987a, pp. 40-1.

**Prov.:** Bendall colln.



Siglon: 4

575 26 mm / 4.11 g / 6 o'clock

**Obv.:**  $\Pi P - \bar{\Theta}$

**Rev.:**  $\bar{\iota}C - \bar{\chi}C$  C to l.,  $\Pi/O/\Gamma$  to r. B between heads.

**Ref.:** *DOC* V, pl. 1, 6; *PCPC* 61.3 (*this coin*).

**Prov.:** Bendall colln.



576 26 mm / 4.17 g / 6 o'clock

**Obv.:**  $\bar{M}P - \bar{\Theta}V$

**Rev.:**  $\bar{\iota}C - \bar{\chi}C \bar{\chi}/M/\Delta$  to l.,  $\Pi/O/\Gamma$  to r. B between heads.

**Ref.:** *DOC* V, pl. 1, 6; *PCPC* 61.3.

**Prov.:** Bendall colln.



- 577 Siglon: 10 or 2  
30 mm / 4.07 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}}$  –  $\overline{\text{V}\Theta}$   
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\epsilon$  to l.,  $\Pi\text{O}/\text{T}\text{I}$  to r.  
**Ref.:** *PCPC* 61.1 (*this coin*); Bendall 1987a, pp. 40-1, no. 3.  
**Prov.:** Bendall colln.



**Obv.:**  $\overline{\text{HP}}$   $\overline{\text{V}}$  in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.  
**Rev.:**  $\text{MA}$  above,  $\overline{\text{M}}/\Delta\epsilon\text{C}$  to l.,  $\Pi\text{O}/\text{T}\text{I}$  to r.  $\overline{\text{IC}}$   $\overline{\text{XC}}$  beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds Gospel. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.  
*PCPC* 61.2; Sear - ; *DOC* V, Class III-b, -

- 578 Siglon: 49  
30 mm / 4.24 g / 6 o'clock  
**Obv.:**  $\overline{\text{H}}$  –  $\overline{\text{V}\Theta}$   
**Rev.:**  $\overline{\text{I}}$  –  $\overline{\text{XC}}$   $\Delta/\dots/\Delta\text{I}$  to l.,  $\Pi\text{O}/\text{T}$  to r.  
**Ref.:** *PCPC* 61.2 (*this coin*); Bendall 1987a, pp. 40-1, no. 12 (*this coin*).  
**Prov.:** Bendall colln.



#### Stamenon, AE

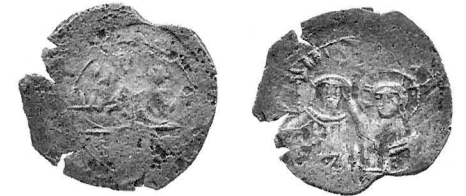
**Obv.:**  $\overline{\text{HP}}$   $\overline{\text{V}}$  in field. Half-length figure of Virgin nimbate, orans.  
**Rev.:**  $\text{XM}\Delta\Pi$  –  $\text{OAG}$  ... Half-length figure of emperor on l., and of uncertain saint, nimbate; between them patriarchal cross. Emp. wears stemma, div., c-p, and panelled loros of simpl. type; r. hand sc. Above star in cloud.  
Bendall – Donald 1974, p. 39, UT.1; *PCPC* 62 (but Virgin on rev.); Sear 2310; *DOC* V, Class I, pl. 8, 131-2

- 579 27 mm / 1.24 g / 6 o'clock  
**Obv.:**  $\overline{\text{HP}}$  –  $\Theta\text{V}$   
**Rev.:**  $\text{X}\Delta\text{O}$  –  $\text{A}$   
**Ref.:** *PCPC* 62.1 (*this coin*); Veglery – Millas 1977, pp. 94-5, no. 2.  
**Prov.:** Bendall colln., Lamia July 1971, found near Melitea



**Obv.:**  $\text{OAAHMH}\Phi\text{IO}$  in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic, breastplate and sagion; holds sword across knees.  
**Rev.:**  $\text{MIXAH}\Lambda$   $\Delta\epsilon\text{C}\text{POTIC}$   $\text{O}$   $\Pi$ ..., or var.  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in upper and r. field. Half-length figure of emperor on l., crowned by Christ, beardless and nimbate. Emp. wears stemma, div., c-p and loros of simpl. type; r. hand labarum-headed sc.; l. hand anexikakia. Christ holds Gospel in l. hand.  
Bendall – Donald 1974, p. 23, T.1; *PCPC* 63; Sear 2294; *DOC* V, Class II, pl. 8, 133-5

- 580 26 mm / 2.67 g / 6 o'clock  
**Obv.:**  $\text{O/A}/\Delta\text{H}$  to l.,  $\text{MH}/\text{T}/\text{I}$  to r.  
**Rev.:**  $\Lambda\Lambda$  on l.  
**Ref.:** *PCPC* 63.1 (*this coin*).  
**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



- 581 26 mm / 1.44 g / 6 o'clock  
**Obv.:**  $\Gamma/\text{M}$  to l.,  $\Phi/\text{O}$  to r.  
**Rev.:**  $\overline{\text{XC}}$   $\text{MX}\Delta\epsilon\text{C}\text{POTIC}$   
**Prov.:** Bendall colln., ex H.J. Berk Aug. 1988



**Obv.:**  $\Gamma\text{OAAHMH}\Phi\text{IOC}$  in two columnar groups. St. Demetrius, beardless and nimbate, seated upon throne without back, wearing tunic, breastplate and sagion; holds sword across knees.  
**Rev.:**  $\text{PAAO}\Lambda\Gamma\text{O}$  to l.,  $\text{O}$  above,  $\text{X/M}$  to bottom r. Full-length figure of emperor on l., crowned by St. Michael, beardless and nimbate. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.  
Bendall – Donald 1974, p. 23, T.2; *PCPC* 64; Sear 2295; *DOC* V, Class III, pls. 8-9, 136-43

- 582 24 mm / 2.34 g / 6 o'clock  
**Obv.:**  $\Gamma/\text{O}/\text{A}/\text{H}$  to l.,  $\text{MH}/\Phi\text{O}$  to r.  
**Rev.:**  $\text{X}$  to r.  
**Ref.:** *PCPC* 64.1 (*this coin*).  
**Prov.:** Bendall colln., ex H. Weller



- 583 27 mm / 3.74 g / 6 o'clock  
**Rev.:**  $\text{H/X}$  to r.  
**Ref.:** *PCPC* 64.2 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** ΓΟΑΔΙΗΦΙΟC in two columnar groups. Bust of St. Demetrius, beardless and nimbate wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand shield.

**Rev.:** Full-length figure of emperor on l., and of St. Michael, beardless and nimbate; between them sword point downward. Emp. wears stemma, div., c-p and loros of simpl. type; r. hand on breast. *Manus Dei* in centre above.

Bendall – Donald 1974, p. 23, T.3; *PCPC* 65; Sear 2296; *DOC* V, Class IV, pl. 9, 144-6

584 26 mm / 2.73 g / 6 o'clock

**Obv.:** Α/ΔΙ to l., ΗΗ/ΦΙ/Ο/Σ to r.

**Ref.:** *PCPC* 65.1 (*this coin*); Sear 2296 (*this coin*).

**Prov.:** Bendall colln.



585 24 mm / 2.17 g / 6 o'clock

**Obv.:** ΗΗ/ΦΙ/Ο to r.

**Ref.:** *PCPC* 65.3 (*this coin*).

**Prov.:** Bendall colln., from Mellon colln.



**Obv.:** Χ/Μ in upper l. field. Full-length figure of St. Michael, beardless and nimbate, with wings spread, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.

**Rev.:** Μ/Χ/ΔΕC/Π to l., ΟΑΓ/ΔΗΜ/Η/ΦΙ/Ο/Σ to r., or var. Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them large cross within circle on long shaft. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr. Saint wears tunic, breastplate and sagion; l. hand spear.

Bendall – Donald 1974, p. 25, T.4; *PCPC* 66; Sear 2297; *DOC* V, Class V, pl. 9, 147-50

586 27 mm / 2.82 g / 6 o'clock

**Obv.:** Μ on l.

**Rev.:** ΔC/TC – Ο/ΑΓ/ΔΙΗ

**Prov.:** Bendall colln., from Numismatic Fine Arts 1987



587 27 mm / 2.64 g / 6 o'clock

**Obv.:** Χ/Μ on r.

**Rev.:** Δ/Π/Τ – ΟΔΜ...ΟC

**Ref.:** *PCPC* 66.1 (*this coin*); Sear 2297 (*this coin*).

**Prov.:** Bendall colln., from Lord Grantley colln.



**Obv.:** Eight-petalled flower.

**Rev.:** ΔΕ – CΠΟΤΙΙ. Μ ΘV to r. of Virgin. Half-length figure of emperor on l., and of Virgin, nimbate; between them large patriarchal cross. Emp. wears stemma, div., c-p, and loros of simpl. type. Two eight-pointed stars in upper field.

Bendall – Donald 1974, p. 39, UT.2; *PCPC* 68; Sear 2311; *DOC* V, Class VII, pl. 9, 152-4

588 27 mm / 2.55 g / 6 o'clock

**Rev.:** ΘV ΔΕ – CΠΟΤΙΙ Two six-pointed stars in upper field.

**Prov.:** Bendall colln.



**Obv.:** Large patriarchal cross on base, star in upper and lily in lower quarters.

**Rev.:** ΜΙΧΑΗΛ ΔΕCΠ ΔΗΜ Full-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them model of the city of Thessalonica with two towers surmounted by large lily. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type; r. hand labarum-headed sc. Saint wears tunic, breastplate and sagion; l. hand spear resting over l. shoulder.

Bendall – Donald 1974, p. 25, T.6; *PCPC* 69; Sear 2299; *DOC* V, Class VIII, pl. 10, 155-8

589 25 mm / 2.77 g / 12 o'clock

**Rev.:** ΔΠ above, Ο to r.

**Ref.:** *PCPC* 69.1 (*this coin*).

**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange), Bertelè 4413



**Obv.:** ΓΟΑΔΙΗΦΙΟC in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand rests on shield.

**Rev.:** ΟΠΑΛΕΟΛΓ columnar to r. Full-length figure of emperor seated half l. upon throne without back, wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand anexikakia.

Bendall – Donald 1974, p. 39, UT.3; *PCPC* 72; Sear 2312; *DOC* V, Class XI, pl. 10, 162-4

590 22 mm / 1.10 g / 6 o'clock

**Obv.:** Γ/ΟΑ/ΔΙ to l., ΜΗ/ΦΙ/Ο/Σ to r.

**Rev.:** CΠΑ/Α/Ε to r. Star in r. field.

**Ref.:** *PCPC* 72.1 (*this coin*); Sear 2312 (*this coin*).

**Prov.:** Bendall colln., from I.T. Roper colln.





**Obv.:** ΓΟΑΓΕΟΡΓΙΟΣ in two columnar groups. Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.

**Rev.:** Χ/ΜΙ/ΔΕ/Σ to l., ΠΟ/ΤΙ/ΟΠΑ/ΛΕ/ΟΛ/ΟΓ/ΟC to r. Emperor seated upon throne with back, wearing stemma, div., c-p and jewel. loros of simplified type; r. hand labarum-headed sc.; l. hand anexikakia.

Bendall – Donald 1974, p. 13, C.17; *PCPC* 75 (but as St. Demetrius on obv.); Sear 2302; *DOC* V, Class XII, pl. 10, 165-8

591 26 mm / 2.16 g / 6 o'clock

**Obv.:** Γ/ΓΓΙ/ΓΙ/ΓΙ to l.

**Rev.:** ΤΙC/Ο/ΠΑ/Ε/ΟΛ to r.

**Prov.:** Bendall colln.



**Obv.:** ΓΟΑΔΗΜΗΤΙΟC in two columnar groups. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; holds before him a small cross.

**Rev.:** ΜΙΧΑΗΛΔΕCΠΟ Three-quarter-length figure of emperor wearing stemma, div., panelled loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand globus surmounted by patriarchal cross. Six-pointed star in l. lower field.

Bendall – Donald 1974, p. 29, T.10; *PCPC* 76; Sear 2303; *DOC* V, Class XIII, pl. 11, 169-70

592 25 mm / 2.86 g / 6 o'clock

**Obv.:** Γ/ΟΑ/ΔΗ/Μ to l.

**Rev.:** ΜVΧΛ on l.

**Ref.:** *PCPC* 76.1 (this coin).

**Prov.:** Bendall colln.



593 27 mm / 3.45 g / 6 o'clock

**Obv.:** Γ/ΟΑ/ΔΗ/Μ to l., Τ/Σ to r.

**Rev.:** ΕCΠ – ΤΙC Six-pointed star in l. and r. lower field.

**Prov.:** Bendall colln.



**Obv.:** ΓΟΑΔΗΜΗΤΙΟC in two columnar groups. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate, and sagion; r. hand small cross before chest.

**Rev.:** Μ Χ or Χ/Μ beside head. Full-length figure of winged emperor wearing stemma, div. panelled loros of simpl. type and sagion; r. hand labarum on long shaft; l. hand gl. cr.

Bendall – Donald 1974, p. 31, T.12; *PCPC* 78; Sear 2305; *DOC* V, Class XIV, pl. 11, 171-3

594 27.5 mm / 2.41 g / 6 o'clock

**Obv.:** Γ/ΟΑ/ΔΗ/Μ to l., ΤΙ/Ο/Σ to r.

**Ref.:** *PCPC* 78.1 (this coin); Sear 2305 (this coin).

**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange)



**Obv.:** ΓΟΑΔΗΜΗΤΙΟC in two columnar groups. St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion, seated upon throne without back; holds sword across knees.

**Rev.:** ΜΙ/Ο/ΠΑΛ/Ε/Ο to l., ΔΕC/ΠΟ to r. Three-quarter-length figure of emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand large patriarchal cross; l. hand anexikakia.

Bendall – Donald 1974, p. 29, T.11; *PCPC* 77; Sear 2304; *DOC* V, Class XV, pl. 11, 174-5

595 28.5 mm / 3.18 g / 6 o'clock

**Obv.:** Γ/Ο/ΛΛ to l., ΜΗ/ΤΙΟ to r.

**Ref.:** *PCPC* 77.1 (this coin); Sear 2304 (this coin).

**Prov.:** Bendall colln., from D. Winfield colln., acquired in Skopje



**Obv.:** Ο/Α/Γ to l., ΔΗ/ΜΗ/ΤΙ/Ο to r. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand rests on shield.

**Rev.:** Χ/ΜΙ/ΔΕ/Σ to l., Π/Α/Λ/Σ/Ο to r. Three-quarter-length figure of emperor wearing stemma, div., c-p and loros of simpl. type; r. hand sc. cr.; l. hand large lily.

Bendall – Donald 1974, p. 31, T.13; *PCPC* 79; Sear 2306; *DOC* V, Class XVI, pl. 11, 176-9

596 24 mm / 1.82 g

**Obv.:** Brockage of the reverse.

**Rev.:** Π/Α/Λ/Σ/Ο to r.

**Ref.:** *PCPC* 79.1 (this coin).

**Prov.:** Bendall colln., from Lord Grantley colln.



**Obv.:** ΓΟΑΔΗΜΗΤΙΟC in two columnar groups. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand rests on shield.

**Rev.:** ΜΙΧΑΝΛ ΔΕCΠΟΤΙC Ο ΠΑΛ Half-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand large lily; l. hand labarum on long shaft.

Bendall – Donald 1974, p. 31, T.14; *PCPC* 80; Sear 2307; *DOC* V, Class XVII, pl. 11, 180-1

- 597 28 mm / 2.16 g / 6 o'clock  
**Obv.:** A/O to l. Six-pointed star in l. lower field.  
**Rev.:** MIXA on l.  
**Ref.:** PCPC 80.1 (*this coin*).  
**Prov.:** Bendall colln., from O'Hara colln., ex Sternberg auction 16/11/1978, lot 987



**Obv.:** Large lily.  
**Rev.:**  $\bar{\chi}/\bar{M}/\bar{\Delta}/\bar{\epsilon}/\bar{C}/\bar{\Pi}/\bar{T}$  to l.,  $\bar{O}/\bar{\Pi}/\bar{A}/\bar{O}/\bar{\Lambda}/\bar{\Gamma}/\bar{O}/\bar{S}$  to r. Three-quarter-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand large long cross; l. hand anexikakia. Lily in l. field.  
 Bendall – Donald 1974, p. 33, T.16; PCPC 84; Sear 2309; DOC V, Class XX, pl. 12, 186-90

- 598 28 mm / 2.05 g / 6 o'clock  
**Ref.:** PCPC 84.1 (*this coin*); Sear 2309 (*this coin*).  
**Prov.:** Bendall colln., from Mellon colln.



- 599 26 mm / 1.68 g / 6 o'clock  
**Rev.:**  $\epsilon$  on l.  
**Ref.:** PCPC 84.2 (*this coin*).  
**Prov.:** Bendall colln., found near Katerini, 1978

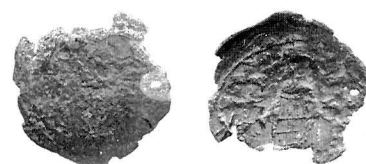


- 600 26 mm / 3.31 g / 6 o'clock  
**Ref.:** PCPC 84.3 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Bust of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.  
**Rev.:** Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; large patriarchal cross in either hand.  
 Bendall – Donald 1974, p. 41, UT.5; PCPC 82; Sear 2315; DOC V, Class XXII, - (see p. 123 table 9B, 59)

- 601 21 mm / 1.04 g (broken)  
**Obv.:** Totally worn.  
**Ref.:** PCPC 82.1 (*this coin*).  
**Prov.:** Bendall colln., ex H. Weller



**Uncertain**  
**Obv.:** No type.  
**Rev.:** Emperor seated upon throne without back wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand gl. cr.; l. hand sc.  
 PCPC - ; Sear - ; DOC V -

- 602 22 mm / 1.72 g  
**Obv.:** Totally worn.  
**Rev.:**  $\bar{M}/\bar{O}/\bar{A}$  to l.  
**Ref.:** Bendall 2001, p. 265, no. 142, pl. 49, no. 141 (*this coin*).  
**Prov.:** Bendall, from Thessalonica (VII) hoard



## Philadelphia

### Hyperpyron, AV

**Obv.:**  $\bar{\Pi}\bar{\rho}$   $\bar{\Theta}\bar{V}$  in upper field. Half-length figure of Virgin nimbate, orans within walls of Constantinople furnished with six towers.  
**Rev.:**  $\bar{M}\bar{\Lambda}$  above,  $\bar{M}/\bar{\Delta}/\bar{\epsilon}/\bar{C}$  to l.,  $\bar{\Pi}/\bar{O}/\bar{T}$  to r.  $\bar{\iota}\bar{C}$   $\bar{\chi}\bar{C}$  beside head of Christ. St. Michael, beardless and nimbate, presenting kneeling emperor to Christ, who is seated on low throne and holds Gospel. Emp. wears stemma, div., c-p and jewel. loros of simpl. type.  
 PCPC 57; Sear - ; DOC V, Class III-b, table 5, p. 111, sigla 80-7

- Siglon: 80  
 603 24 mm / 4.16 g / 6 o'clock  
**Obv.:**  $\bar{\Pi}$   
**Rev.:**  $\bar{\iota}\bar{C}$  -  $\bar{\chi}$   $\bar{\Pi}/\bar{\Gamma}/\bar{\Gamma}$  to r.  
**Ref.:** PCPC 57.1 (*this coin*); Bendall 1984a, pp. 3-8, no. 4d (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 83  
 604 25 mm / 4.22 g / 6 o'clock  
**Obv.:**  $\bar{\Pi}$  -  $\bar{\Theta}$   
**Rev.:**  $\bar{\chi}$   $\bar{\Pi}/\bar{C}$  to r.  
**Ref.:** DOC V, pl. 2, 17; PCPC 57.2 (*this coin*); Bendall 1984a, pp. 3-8, no. 6a (*this coin*).  
**Prov.:** Bendall colln.



- 605 24 mm / 4.23 g / 6 o'clock  
**Obv.:**  $\bar{\Pi}$   
**Rev.:**  $\bar{\iota}\bar{C}$  -  $\bar{\chi}\bar{C}$   $\bar{\chi}/\dots\bar{C}/\dots/\bar{O}$  to l.  
**Ref.:** DOC V, pl. 2, 17; Bendall 1984a, pp. 3-8, no. 6e (*this coin*).  
**Prov.:** Bendall colln.



Siglon: 84

- 606 25 mm / 4.17 g / 6 o'clock  
**Rev.:** IC – XC X/...C/...O to l., AC to r.  
**Ref.:** Bendall 1984a, pp. 3-8, no. 7a (*this coin*).  
**Prov.:** Bendall colln.



Stamenon, AE

**Obv.:** Voided cross with decorated ends, small diagonal cross at intersection. a) ΦΛ/ΔΦ/Π/Ε or b) ΦΛ/Λ/Φ in quarters.

**Rev.:** X/Μ/ΔΕC/ΠΟΗ/C to l., Π/Α/Λ to r., or var. Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc.; l. hand globus surmounted by patriarchal cross.

Bendall – Donald 1974, p. 19, C.26; *PCPC* 60; Sear 2286; V, Var. a, pl. 12, 193§

- 607 21 mm / 1.83 g / 6 o'clock  
**Obv.:** Δ/Ε to r.  
**Rev.:** X/CC/O/Η to l., Π/Λ/Ι to r.  
**Ref.:** *PCPC* 60.1 (*this coin*).  
**Prov.:** Bendall colln.



- 608 21 mm / 1.94 g / 6 o'clock  
**Obv.:** Φ/Δ/Π/Ε  
**Rev.:** X/Μ/ΔΕC/ΠΟ/ΤΗ/C to l.  
**Ref.:** *PCPC* 60.2 (*this coin*); Bendall 1984a, pp. 3-8, no. 1b (*this coin*).  
**Prov.:** Bendall colln.



Bendall – Donald 1974, p. 19, C.27; *PCPC* 59; Sear 2287; *DOC* V, Var. b, pl. 12, 193a

- 609 24 mm / 2.65 g / 6 o'clock  
**Obv.:** .../Α/Φ  
**Rev.:** X/Μ/ΔΕC/Π to l.  
**Ref.:** *PCPC* 59.1 (*this coin*).  
**Prov.:** Bendall colln.



- 610 23 mm / 2.17 g / 6 o'clock  
**Obv.:** Φ/.../Α/Φ  
**Rev.:** ΔC/Π/Τ to l., X/Μ to r.  
**Ref.:** *PCPC* 59.2 (*this coin*); Bendall 1984a, pp. 3-8, no. 2a (*this coin*).  
**Prov.:** Bendall colln., ex H. Weller



Cherson (?)

Cast Trachy, AE

**Obv.:** ΗΡ – ΘV in upper field. Full-length figure of Virgin nimbate, orans. Cross on breast.

**Rev.:** ΓΙ – ΙΜΙΤ Full-length bearded figure of emperor on l., and of figure in military dress. Between them cross on long shaft (military figure's hand above the hand of the emperor). Emp. wears stemma, div., jewel. loros and sagion; r. hand cross on long shaft. Military figure holds in l. hand sword point downward.

Ratto 1930, p. 116, pl. 55, no. 2222; *PCPC* - ; Sear - ; *DOC* V - (see p. 125)

- 611 31 mm / 6.07 g / 12 o'clock

**Obv.:** ΗΡ – ΘV

**Rev.:** ΓΙ – ΙΜΙΤ

**Prov.:** Old Ashmolean colln., from F. Douce



- 612 30 mm / 4.80 g (pierced) / 12 o'clock

**Obv.:** ΗΡ – ΘV

**Rev.:** ΓΙ – ΙΜΙΤ

**Prov.:** Old Ashmolean colln., from Sabin galleries 1960



Michael VIII - Andronicus II (1272-1282)

Constantinople

Stamenon, AE

**Obv.:** Γ/Θ/ΝΙ/ΚΟ to l., ΝΙ/ΚΟ/ΛΑΣ to r. Full-length figure of St. Nicholas, bearded and nimbate, wearing sticharion, felonion and omophorion; r. hand held in benediction before body; l. hand Gospel. Η and Δ in lower field.

**Rev.:** ΑΝΔ/ΡΟ/ΝΙ/ΚΣ to l., Χ/Μ/ΔΕ/CΠΟ/ΤΣ to r. IC – XC beside head of Christ. Full-length figure of Andronicus II, beardless on l., and of Michael VIII bearded, blessed by bust of Christ, bearded and nimbate, above in the centre field; between them long patriarchal cross on a forked base (Michael's hand superior). Andronicus wears stemma, div., c-p and jewel. loros of simpl. type; r. hand trilobate sc. Michael similarly dressed; l. hand trilobate sc.

*PCPC* 55; Sear 2318; *DOC* V, Class I, pl. 12, 197-9: 1272 - 1282



- 613 23 mm / 2.27 g / 6 o'clock  
**Obv.:** Γ/Θ/ΝΙ/Ο to l., Λ/.../ΟΣ (Η and Α in lower field.)  
**Rev.:** ΙC – ΧC ΑΚ to l., Χ/Η/ΔΕ/ΣΠ/ΟΤ/Η to r.  
**Ref.:** *PCPC* 55.2 (*this coin*); Weller 1969, pl. 12, no. 15 (*this coin*).  
**Prov.:** Bendall colln., from Greek collector, from Bergama (II) hoard
- 614 24 mm / 1.88 g / 6 o'clock  
**Obv.:** Γ/Θ/ΝΙ/ΚΟ to l., ΝΙ/ΚΟ to r. (Η lower in l. field.)  
**Rev.:** ΙC – Χ Δ/ΡΟ/Ν/Κ to l.  
**Ref.:** *PCPC* 55.1 (*this coin*); Weller 1969, pl. 12, no. 14 (*this coin*).  
**Prov.:** Bendall colln., from Bergama (II) hoard
- 615 24 mm / 2.33 g / 6 o'clock  
**Obv.:** Θ/ΝΙ/ΚΟ to l., Ο to r. (Μ and Α in lower field.)  
**Rev.:** ΙC – ΧC Δ/Ρ to l.  
**Ref.:** *PCPC* 55.3 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.
- 616 25 mm / 1.57 g / 6 o'clock  
**Obv.:** ΝΙ/ΚΟ to l. (Α in lower r. field.)  
**Rev.:** ΙC – ΧC Δ to r.  
**Ref.:** Weller 1969, pl. 12, no. 17 (*this coin*).  
**Prov.:** Old Ashmolean colln., ex H. Weller 24/10/1972, from Bergama (II) hoard
- 617 24 mm / 1.84 g / 6 o'clock  
**Obv.:** ΓΙ/Θ/ΝΙ/ΟΛ to l., ΟC/Κ to r. (Η in lower l. field.)  
**Rev.:** ΙC – ΧC  
**Prov.:** Old Ashmolean colln., ex C.H. Subak May 1974



**Obv.:** Η Θ in field. Full-length figure of Virgin nimbate, orans.  
**Rev.:** Η/ΔΕ/ΣΠ/ΟΤ to l., Ο/Π/Α/Λ/Σ to r. Full-length figure of Michael VIII, bearded on l., and of Andronicus II, beardless; between them labarum on long shaft, at the end of which a globe; Michael wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr. Andronicus similarly dressed; l. hand sc. cr.  
*LPC* 76.18 (as Andronicus II-Michael IX); *PCPC* 56; Sear 2320; *DOC* V, Class III, pl. 13, 203-5: 1272 - 1282

- 618 24.5 mm / 1.49 g / 6 o'clock  
**Rev.:** Χ/Μ/Δ/Π/Τ to l.  
**Ref.:** *PCPC* 56.1 (*this coin*); Sear 2320 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.



- 619 22 mm / 2.29 g / 6 o'clock  
**Rev.:** Χ to l.  
**Ref.:** *PCPC* 56.2 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.



- 620 23 mm / 2.70 g / 6 o'clock  
**Obv.:** ΘV  
**Rev.:** Χ to l.  
**Ref.:** *PCPC* 56.3 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.



## Thessalonica

### Stamenon, AE

**Obv.:** Γ/Λ to l., ΠI to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting on l. shoulder; l. hand shield.  
**Rev.:** Α/Ν/Δ/Ρ to l., Χ/Μ to r. Half-length figure of Andronicus II, beardless on l., and of Michael VIII, bearded; between them sword point downward (Michael's hand superior). Andronicus wears stemma, div., c-p and panelled (?) loros of simpl. type; r. hand labarum-headed sc.; Michael similarly dressed; l. hand labarum-headed sc. Above, the head and shoulders of St. Michael, nimbate and with wings spread, supporting the two emperors.  
*PCPC* 87; Sear 2322; *DOC* V, Class I, pl. 13, 212-5 (but as St. Theodore on obv.): 1272 - 1282

- 621 26 mm / 1.54 g / 6 o'clock  
**Obv.:** Γ/Λ to l., ΠI to r.  
**Rev.:** Α/Ν/Δ to l.  
**Ref.:** *PCPC* 87.1 (*this coin*); Sear 2322 (*this coin*).  
**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



**Obv.:** Ο/ΑΓ/ΔΙ – ΜΙΦΙΟC (?) Half-length figure of St. Demetrius, beardless and nimbate; r. hand sword resting over shoulder; l. hand shield with star in the centre.

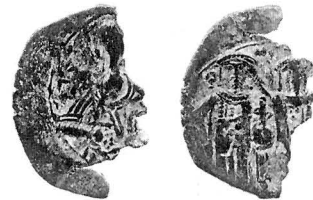
**Rev.:** ΑΝΔΡΟΝΙΚΟC – ΜΧ – ΑΗΛΔΕCΠ Full-length figure of Andronicus II, bearded on crowned by Michael VIII, bearded. Both emperors wear stemma, div., c-p and jewel. loros of simpl. type. Andronicus holds in r. hand sc. cr., and in l. gl. cr.

*PCPC* 90; Sear 2325; *DOC* V, Class II, pl. 13, 216-8: 1272 - 1282

- 622** 27 mm / 1.76 g / 6 o'clock  
**Obv.:** C to r.  
**Rev.:** ΝΙΚ – ΜΙΧ  
**Ref.:** *PCPC* 90.1 (*this coin*).  
**Prov.:** Bendall colln., from Ratto auction lot 2234



- 623** 26 mm / 1.19 g (broken) / 6 o'clock  
**Obv.:** Α/ΓΙ to l.  
**Rev.:** ΜΙ above  
**Prov.:** Bendall colln., ex Bertelè colln.



## Andronicus II alone (1282 - 1294, 1320 - 1325)

### Constantinople

#### Hyperpyron, AV

**Obv.:** ΜΡ – ΘV in upper field. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with six towers.

**Rev.:** ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΘΔΕ/ΠΟΤΗ/ΟΠ/Λ or var. to l. IC XC in r. field. Full-length figure of Christ, bearded and nimbate, on r., holding Gospel in l. hand; places r. hand on the head of the nimbate emperor crouching in proskynesis to l. Emp. wears stemma, div., c-p and loros. *LPC* 34.1; *PCPC* 91B; Sear - ; *DOC* V, Class I-a, pl. 14, 220-28: 1282 - c. 1290

- 624** Siglon: 5  
 25 mm / 3.99 g / 6 o'clock  
**Rev.:** ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΘΔΕ/ΠΟΤΗ/ΟΠ/Λ to l., IC XC to r.  
**Prov.:** Bendall colln.



- 625** Siglon: 18  
 27 mm / 3.69 g / 6 o'clock  
**Obv.:** ΜΡ – ΘV  
**Rev.:** ΑΝΔΡΟΝΙΚΟC.../ΝΧΘΔΕC/ΠΟΤΙC/ΟΠΑΛ/ΛΙΟ to l., IC XC to r.  
**Prov.:** Bendall colln.



- Siglon: 27  
**626** 24 mm / 4.06 g / 6 o'clock  
**Rev.:** ΑΝΔΡΟΝΙΚΟCΔC/ΠΟΤ/ΙCΠ/Λ.../ΛΟ/Γ/Ο/C to l.  
**Prov.:** Bendall colln.



- Siglon: 29  
**627** 24 mm / 4.10 g / 6 o'clock  
**Obv.:** ΗΡ  
**Rev.:** +/ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΩΤ.../ΟΠΦΟΟ/ΒΔΗΛΕ/ΝΚΟΟ/C to l.  
**Prov.:** Bendall colln.



- Siglon: 30  
**628** 24 mm / 4.11 g / 6 o'clock  
**Rev.:** +/ΑΝΔΡΟΝΙΚΟCΕ/...ΧΩ.../ΟΠΦΟ/...ΔΗΛΕ/ΝΚΟΟ/PC to l., IC to r.  
**Prov.:** Bendall colln.



- Siglon: 31  
**629** 25 mm / 4.11 g / 6 o'clock  
**Rev.:** ΑΝΔΡΟΝΙΚΟCΕ/ΝΧΩΤ/ΟΠΦΟΟ/ΗΛΕ/C to l., IC/IX to r.  
**Ref.:** Bendall 1982a, pl. 16, no. 79 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



- Siglon: 41/42  
**630** 27 mm / 3.91 g / 6 o'clock  
**Rev.:** +/...ΝΔΡΟΝΙΚΟCΕΝ/ΧΩΤΟΠ/ΠΑΝΟ/ΝΦ/ΙΕ to l., Δ/Π/C/Λ IC/XC to r.  
**Prov.:** Bendall colln.



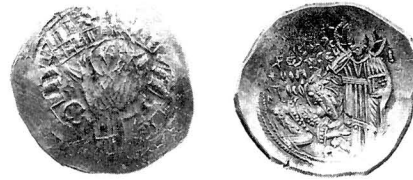
- Siglon: 57 var.  
**631** 23 mm / 4.01 g / 6 o'clock  
**Rev.:** +/ΑΙΔΡΙΝΙΚΟCΕ/ΝΧΩΔΕC/ΠΟΤΙC/ΟΠΑΛ/Γ to l., IC/XC to r.  
**Prov.:** Bendall colln.



- New Siglon: (variant of 57-58-59)  
**632** 28 mm / 4.07 g / 6 o'clock  
**Obv.:** Η  
 ΓΗ Η  
**Rev.:** ΑΝΔΡΟΝΙΚΟCΕΝ/ΧΘΔΕ/ΠΟΤΗ/ΟΠ/Λ to l., IC/XC to r.  
**Prov.:** Bendall colln.



- Siglon: 75  
**633** 25 mm / 4.14 g / 6 o'clock  
**Rev.:** +/...ΡΟ/ΝΙΚΟΣΕΙ/ΧΩΤΟ/...Π/ΣΤΟΣΟ  
 to l., Γ to r.  
**Prov.:** Bendall colln.



- Siglon: obscure, Α in lower l. field  
**634** 23 mm / 3.89 g (pierced) / 6 o'clock  
**Rev.:** ΑΝΔ/ΡΟΝΚ.../ΝΧΩΤ.../ΕΝΓΟ.../...ΙΤ  
 to l., ΙC/ΧC to r.  
**Ref.:** *DOC V*, pl. 14, 228?  
**Prov.:** Old Ashmolean colln., from C.M.  
 Kraay May 1965, bought in Kavala



**Obv.:** ΜΡ – ΘV in upper field. Half-length figure of Virgin nimbate, orans within the walls Constantinople with six towers.  
**Rev.:** ΑΝΔΡ/ΟΝΙΚΟΣ/ΔΕCIC/ΟΠΛΕ or var. to l. ΙC ΧC in r. field. Full-length figure of Christ bearded and nimbate, on r., holding Gospel in l. hand; places r. hand on the head of the emperor (without nimbus) crouching in proskynesis to l. Emp. wears stemma, div., c-p and loros.  
*LPC - ; PCPC 91A; Sear 2326; DOC V, Class I-b, pl.14, 229-34: c. 1290 - 1294*

- Siglon: 83  
**635** 26 mm / 3.93 g / 6 o'clock  
**Rev.:** ΑΝΔ/ΝΙΚΟ/...ΔΕC/Γ to l., ΙC/ΧC to r.  
**Ref.:** *DOC V*, pl. 14, 233-4.  
**Prov.:** Bendall colln.



- Siglon: 89  
**636** 24 mm / 4.19 g / 6 o'clock  
**Rev.:** ΑΝΔΡ/ΟΝΙΚΟΣ/ΔΕCIC/ΟΠΛΕ to l.,  
 ΙC/ΧC to r.  
**Ref.:** *DOC V*, pl. 14, 229-32.  
**Prov.:** Bendall colln.



# Tornese, Billon

- Obv.:** ΑΝΔΡΟΝΙΚ – ΟCΕΝΧΟΔ (or var.) Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. *Manus Dei* in upper r. field.  
**Rev.:** +ΚΟΜΝΗΝΟCΟΠΑΛΑΙΟΛΟΓ Cross pattée.  
*LPC 36.4; PCPC 94A; Sear 2327; DOC V, Class II, pl. 33, 551-7*

- 637** 17 mm / 0.76 g / 6 o'clock  
**Obv.:** ΑΝΔ...Ο – ΝΙΚΟΚΟC  
**Rev.:** +ΚΟΜΗΝΟCΟΠ...ΙΟΛΟΓΟC  
**Ref.:** *PCPC 94A.1 (this coin).*  
**Prov.:** Bendall colln., ex H. Weller summer 1974



- 638** 18 mm / 0.89 g / 6 o'clock  
**Obv.:** ΚΟCΕΝ on l.  
**Rev.:** ΚΟΗΝ...ΛΑΙΟΛΟΓΟC Pellets in quarters of cross pattée.  
**Ref.:** *PCPC 94A.2 (this coin).*  
**Prov.:** Bendall colln., from I.T. Roper colln.



- 639** 18 mm / 0.68 g / 6 o'clock  
**Obv.:** ΝΙΚΟΣΕΙ on l.  
**Rev.:** +ΚΟΗ...CΟΠΑΛΑΙΟΛΟΓΟC  
**Ref.:** *PCPC 94A.3 (this coin).*  
**Prov.:** Bendall colln.



- Obv.:** ΑΝΔΡΟΝΙΚ – ΟCΕΝΧΟΔ (or var.) Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand anexikakia. *Manus Dei* in upper r. field. Β on emperor's cloak.  
**Rev.:** +ΚΟΜΝΗΝΟCΟΠΑΛΑΙΟΛΟΓ Cross pattée. Β at the intersection of the cross.  
*LPC 36.4 var.; PCPC 94B; Sear 2327 var.; DOC V, Class III, pl. 33, 558-9*

- 640** 20 mm / 0.55 g / 12 o'clock  
**Obv.:** Λ/Λ/Ν to l., Ι/Π/Λ/Λ/Π/Ι to r.  
**Rev.:** ΚΟΜΗΝΟCΟΠΑΛΕΟΛΟΓΟC  
**Ref.:** *PCPC 94B.4 (this coin).*  
**Prov.:** Bendall colln.



- 641** 17 mm / 0.63 g / 6 o'clock  
**Obv.:** Α/Ν to l. Β on emperor's cloak.  
**Rev.:** ΜΗΝΟCΟΠ on l.  
**Ref.:** *PCPC 94B.5 (this coin).*  
**Prov.:** Bendall colln., ex H. Weller summer 1975





- 642 19 mm / 0.56 g / 6 o'clock  
**Obv.:** A/N/K to l. B on emperor's cloak.  
**Rev.:** ΝΟΣΟΠΑΛΕΟΛΟΓΟΣ  
**Prov.:** Old Ashmolean colln., from Baldwin,  
 ex Lord Grantley auction 6/10/1944



**Obv.:** Three-quarter-length figure of Andronicus II on l., and of military saint, beardless and nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; l. hand anexikakia. Saint wears tunic, breastplate and sagion.  
**Rev.:** +ΚΟΜΝΗΝΟCΟΠΑΛΑΙΟΛΟΓ Cross pattée with attached pellets at cross intersection.  
*LPC* 36.5; *PCPC* 95; *Sear* 2328; *DOC* V, Class IV, - (see p. 148, table 17, 4)

- 643 15 mm / 0.27 g (clipped) / 9 o'clock  
**Rev.:** ΟΓΟΣ  
**Ref.:** *PCPC* 95.1 (this coin).  
**Prov.:** Bendall colln., ex H. Weller summer 1975



#### Stamenon, AE

**Obv.:** O/A • or var. to l., Φ/Ν/Ο/Ν to r. Half-length figure of St. Tryphon nimbate wearing tunic and kolobion and holding cross before him. Lily in lower l. and r. field.  
**Rev.:** ΜΡ Θ beside Virgin's head, ΑΝ/ΔΡ/Ν to l., ΔΕC/Π to r. ΙC XC in r. field. Virgin nimbate standing on l., presenting the emperor, crouching in proskynesis, to the standing nimbate Christ. Emp. wears stemma, div., c-p and loros.  
*LPC* 38.8; *PCPC* 99; *Sear* 2332; *DOC* V, Class III, pl. 33, 562: 1282 or soon afterward

- 644 22 mm / 1.17 g / 6 o'clock  
**Obv.:** Φ/Ν to r. Lily in lower r. field.  
**Rev.:** Μ to l., ΔΕ ΙC/XC ΔΕ to r.  
**Ref.:** *PCPC* 99.1 (this coin).  
**Prov.:** Bendall colln.



- 645 22 mm / 1.93 g / 6 o'clock  
**Obv.:** Θ to l., Φ/Ω/Ν to r.  
**Rev.:** ΜΡ - Θ ΑΝ/.../ΚC to l., ΙC/XC ΚΓ/Ρ to r.  
**Ref.:** *PCPC* 99.2 (this coin).  
**Prov.:** Bendall colln., from O'Hara colln.



**Obv.:** ΙC XC in field. Bust of Christ, beardless and nimbate; l. hand scroll.  
**Rev.:** ΑΝΔ above. Half-length figure of Andronicus II on l., blessed by Virgin nimbate. Emp. wears stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.  
*LPC* -; *PCPC* 100; *Sear* 2333; *DOC* V, Class IV, - (see p. 150, table 18A, 4)

- 646 25 mm / 3.06 g / 6 o'clock  
**Obv.:** C - XC  
**Rev.:** ΑΝΔ above  
**Ref.:** *PCPC* 100.1 (this coin).  
**Prov.:** Bendall colln., from Mellon colln.



**Obv.:** ΜΡ ΘV in upper field. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with six towers.  
**Rev.:** +/ΑΝ/ΔΡΟΝ/ΚΟC/ΔΕCΠΟ/ΤΗCΟ/ΠΑΛ (or var.). ΙC XC in r. field. Full-length figure of Christ, bearded and nimbate, on r. holding Gospel in his l. hand, and laying his r. on the emperor crouching in proskynesis. Emp. wears stemma, div., c-p and loros.  
*LPC* 40.9; *PCPC* 101; *Sear* 2334; *DOC* V, Class V, pl. 33, 563-6

- 647 25 mm / 2.46 g / 6 o'clock  
**Obv.:** ΜΡ  
**Rev.:** ΑΝΑΡ/ΟΝΙΚΟC/ΕΧΩΔΕ/CΠΟΤΙC/ΠΑ to l., -/XC to r.  
**Ref.:** *PCPC* 101.2 (this coin).  
**Prov.:** Bendall colln.



**Obv.:** Γ/Α Χ/Μ Half-length figure of St. Michael, beardless and nimbate; r. hand trifurcate sc; l. hand globe.  
**Rev.:** Α/Ν/Δ (?) to l., Ο/Π/Α to r. ΙC XC in r. field. Full-length figure of emperor on l., crowned by Christ, bearded and nimbate. Emp. wears stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.  
*LPC* 42.12; *PCPC* 104; *Sear* 2337; *DOC* V, Class VIII, pl. 33, 568

- 648 23 mm / 1.32 g / 6 o'clock  
**Rev.:** ΙC - XC Δ/Ρ/ΝΙ/ΚΙ to l.  
**Prov.:** Bendall colln.



**Obv.:** Θ/Θ/Ε to l., Δ/Ω/Ρ/S to r. Half-length figure of St. Theodore, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand resting on shield.  
**Rev.:** ΑΝΔΡ above on l., ΧΗ on r. Full-length figure of Andronicus II on l., and of St. Michael, beardless and nimbate; between them labarum on long shaft. Emp. wears stemma, div, c-p and panelled loros of simpl. type; r. hand sc. cr. Saint wears tunic, loros and sagion; l. hand trifurcate sc.  
*LPC* 44.14; *PCPC* 106; *Sear* 2339; *DOC* V, Class XI, pl. 34, 571-2

- 649 24 mm / 1.86 g / 6 o'clock  
**Obv.:** Ⓞ/Ⓞ/Ⓞ/Ⓞ to l., ΑΩ/ΡΟ/Σ to r.  
**Rev.:** ΑΝΔ above on l., ΧΗ on r.  
**Ref.:** PCPC 106.1 (*this coin*); Sear 2339 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.



- 650 24 mm / 2.95 g / 6 o'clock  
**Obv.:** Ⓞ/Ⓞ/Ⓞ to l., ΔΩ/ΡΟ/Σ to r.  
**Rev.:** COΠ above on l., ΧΗ on r.  
**Ref.:** PCPC 106.2 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Γ/Ⓞ to l., ΓΕ/ΒΓΙ/Σ to r. Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand shield.  
**Rev.:** ΑΝ above on r. Emperor seated upon throne without back, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand trilobate sc.; l. hand gl. cr.  
*LPC* 46.17 var; *PCPC* 109; Sear 2342; *DOC* V, Class XIV, pl. 34, 575-6

- 651 23 mm / 1.68 g / 6 o'clock  
**Obv.:** Γ/Ⓞ to l., Β to r.  
**Rev.:** ΑΝ above on r. Star in r. field, crescent in l. field.  
**Prov.:** Bendall colln.



**Obv.:** Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder; l. hand shield.  
**Rev.:** Emperor seated upon throne without back, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand gl. cr.  
*LPC* 46.17; *PCPC* 109 var; Sear 2342; *DOC* V, Class XIV var., pl. 34, 575-6 var.

- 652 23 mm / 1.77 g / 6 o'clock  
**Rev.:** Dots in r. and l. field.  
**Prov.:** Bendall colln.



**Obv.:** ΗΡ ΘV in field. Virgin nimbate seated upon throne without back; holds beardless, nimbate head of Christ on breast.  
**Rev.:** ΑΝ/Δ/Ν/Κ/Ο to l., Δ/.../Π to r. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand globus. *Manus Dei* in upper r. field.  
*LPC* 48.19; *PCPC* 111; Sear 2344; *DOC* V, Class XVI, pl. 34, 578

- 653 27.5 mm / 3.05 g / 6 o'clock  
**Obv.:** ΗΡ – ΘV  
**Rev.:** ΑΝ/ΔΡ/ΙΙ/ΝΙ/Κ/Ι to l.  
**Ref.:** PCPC 111.2 (*this coin*); Sear 2344 (*this coin*).  
**Prov.:** Bendall colln.



- 654 26.5 mm / 2.29 g / 6 o'clock  
**Obv.:** ΘV  
**Ref.:** PCPC 111.1 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** Ο/Ρ/Λ to l., Δ/ϣ/Ν to r. Full-length figure of Virgin nimbate, orans with uncertain inscription in field.  
**Rev.:** Α/Ν/Δ to l., Π/Α/Λ to r. Full-length figure of emperor with wing to l., wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand trilobate sc.; l. hand large patriarchal cross.  
*LPC* 48.20; *PCPC* 112; Sear 2345; *DOC* V, Class XVII, - (see p. 151, table 18A, 17)

- 655 24 mm / 2.14 g / 6 o'clock  
**Obv.:** Ο/Ρ/Λ to l., Δ/ϣ/Ν to r.  
**Rev.:** Α/Ν to l., Α/Γ to r.  
**Prov.:** Bendall colln.



**Obv.:** Γ/Ε/Β/Γ to r. Half-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over shoulder; l. hand shield.  
**Rev.:** Α/Ν/Δ/Ρ/Ν to l. Full-length figure of emperor wearing stemma, div. and chlamys (?); r. hand sc. cr.; l. hand gl. cr.  
*LPC* - ; *PCPC* 116; Sear 2348A (but as St. Michael on obv.); *DOC* V, Class XXI, - (see p. 151, table 18A, 21)

- 656 22 mm / 1.94 g / 6 o'clock  
**Obv.:** Γ/Ε/Β/Γ to r.  
**Rev.:** Α/Ν/Δ/Ρ/Ν to l.  
**Ref.:** PCPC 116.1 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Seraph with two upper and four lower wings. Four pellets, one in each corner.  
**Rev.:** Α/Ν/ΔΡ/ΟΝΙ/ΚΟCΙ/ΕΝ/Χ to l., Ο/Π/Α/Λ/Ε/Ο to r. Full-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.  
*LPC 54.27; PCPC 120; Sear 2352; DOC V, Class XXV, pl. 34, 588-9*

- 657** 23.5 mm / 1.83 g / 6 o'clock  
**Rev.:** Α/Ν/Ο/С to l., Ο/Π/Α/Γ/С/Ι to r.  
**Ref.:** *PCPC 120.1 (this coin).*  
**Prov.:** Bendall colln., from I.T. Roper colln.



- 658** 23 mm / 1.68 g / 6 o'clock  
**Rev.:** Ν/СΙ/Κ to l., ΟΠ to r.  
**Ref.:** *PCPC 120.2 (this coin).*  
**Prov.:** Bendall colln.



- 659** 24 mm / 1.73 g / 6 o'clock  
**Ref.:** *PCPC 120.3 (this coin).*  
**Prov.:** Bendall colln.



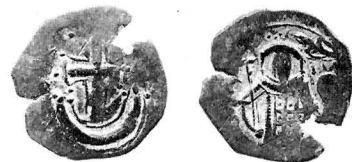
**Obv.:** Lily in quatrefoil.  
**Rev.:** Δ/Λ to l. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand globus. *Manus Dei* in upper r. field.  
*LPC 56.32; PCPC 123; Sear 2355; DOC V, Class XXVIII, - (see p. 151, table 18A, 28)*

- 660** 25 mm / 2.30 g / 6 o'clock  
**Rev.:** Δ/Λ to l. Α and Δ on emperor's cloak.  
**Ref.:** *PCPC 123.1 (this coin).*  
**Prov.:** Bendall colln., from Bank Aufhäuser



**Obv.:** Cross within crescent. Pellets in r. and l. field.  
**Rev.:** Three-quarter-length figure of emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand globus.  
*LPC 264.2; PCPC 125; Sear 2357; DOC V -*

- 661** 21.5 mm / 1.89 g / 6 o'clock  
**Rev.:** ΙΙ on r.  
**Prov.:** Bendall colln.



#### Tetarteron, AE

**Obv.:** ΜΡ ΘV in upper field. Half-length figure of Virgin nimbate, orans.  
**Rev.:** Α/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΝ/ΧΔΕ/СΠ to l., Ο/Π/Α/ΛΕ/ΟΛ/ΟΓ to r., or var. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand gl. cr. *Manus Dei* in upper r. field.  
*LPC 60.36 var.; PCPC 126B; Sear 2358 var.; DOC V, Class I-a, - (see p. 154, table 19, (a)): 1282 - 1294*

- 662** 22 mm / 2.69 g / 5 o'clock  
**Rev.:** Α/Ν/ΔΡ/ΝΙ/С to l.  
**Ref.:** *PCPC 126B.4 (this coin).*  
**Prov.:** Bendall colln.



- 663** 18 mm / 2.04 g / 6 o'clock  
**Obv.:** ΜΡ – ΘV  
**Rev.:** Α/ΝΛ/ΙΝ/ΚΟC/ΔΕC to l.  
**Ref.:** *PCPC 126C.5 (this coin).*  
**Prov.:** Bendall colln.



**Obv.:** ΜΡ ΘV in upper field. Half-length figure of Virgin nimbate, orans.  
**Rev.:** Α/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΝ/ΧΔΕ/СΠ to l., Ο/Π/Α/ΛΕ/ΟΛ/ΟΓ to r., or var. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand sc. cr.; l. hand just globus. *Manus Dei* in upper r. field.  
*LPC 60.36 var.; PCPC 126C; Sear 2358 var.; DOC V, Class I-b, - (see p. 154, table 19, (b)): 1282 - 1294*

- 664** 20 mm / 2.01 g / 6 o'clock  
**Obv.:** ΜΡ – ΘV  
**Rev.:** Λ/Ν/Ν to l., Π/ΛΙ/Ο to r.  
**Ref.:** *PCPC 126C.6 (this coin).*  
**Prov.:** Bendall colln.



**Obv.:** ΜΡ ΘV in upper field. Half-length figure of Virgin nimbate, orans.  
**Rev.:** Δ/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΙΧ/ΨΔΕ/СΠ to l., Π/Α/Λ/Ε – Ο/Λ/Ο/Γ/С to r., or var. Full-length figure of emperor wearing stemma, div. and chlamys; r. hand labarum-headed sc.; l. hand gl. cr.  
*LPC 60.36; PCPC 126A; Sear 2358; DOC V, Class I-d, pl. 37, 626-32: 1282 - 1294*

- 665** 20 mm / 1.88 g / 6 o'clock  
**Obv.:** ΜΡ – ΘV  
**Rev.:** Δ/Ν/ΔΡ/ΝΙ/ΚΟC/ΕΙΧ/ΨΔΕ/СΠ to l., Π/Α/Λ/Ε – Ο/Λ/Ο/Γ/С to r.  
**Ref.:** *PCPC 126A.1 (this coin); Sear 2358 (this coin).*  
**Prov.:** Bendall colln., ex H. Weller





- 666 18 mm / 1.80 g / 6 o'clock  
**Obv.:**  $\overline{\text{MP}} - \overline{\text{OV}}$   
**Rev.:**  $\Lambda$  to l.  
**Ref.:** PCPC 126A.3 (*this coin*).  
**Prov.:** Bendall colln.



## Thessalonica

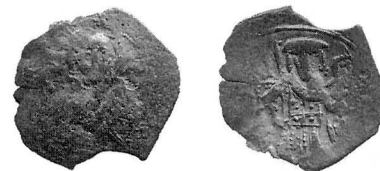
### Stamenon, AE

- Obv.:**  $\Theta/\Lambda/\Delta$  to l.,  $\text{MH}/\text{F}$  to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.  
**Rev.:**  $\Lambda/\Delta/\text{N}/\text{I}$  to l. Full-length figure of emperor bearded and winged, wearing stemma, div. jewel. loros of simpl. type and sagion; r. hand sc. cr.; l. hand gl. cr.  
*LPC 212.12; PCPC 211; Sear 2371; DOC V, Class II, pl. 41, 721-8*

- 667 26 mm / 1.92 g / 6 o'clock  
**Obv.:**  $\text{O}/\text{C}$  to r.  
**Prov.:** Bendall colln.



- 668 23 mm / 1.33 g / 6 o'clock  
**Ref.:** PCPC 211.2 (*this coin*).  
**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



- 669 23 mm / 1.95 g / 6 o'clock  
**Obv.:**  $\Delta$  to l.  
**Rev.:**  $\text{O}$  to l.,  $\text{TT}$  beside wing to l.  
**Ref.:** Bendall 2001, p. 266, specimen 144 (*this coin*).  
**Prov.:** Bendall, from Thessalonica (VII) hoard



- Obv.:**  $\Theta/\text{F}/\Delta$  to l.,  $\text{MH}/\text{F}/\text{O}/\text{S}$  to r. St. Demetrius, beardless and nimbate, seated, wearing tunic, breastplate and sagion; r. hand sword; l. hand shield.  
**Rev.:**  $\text{AN}/\Delta\text{P}/\text{ON}/\text{I}$  to l.,  $\text{K}\Delta/\text{TT}/\text{EV}$  to r. Emperor, bearded, seated upon throne without back wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand globus surmounted by patriarchal cross; l. hand lily-sc.  
*LPC 210.10; PCPC 212; Sear 2369; DOC V, Class III, pl. 41, 729*

- 670 25 mm / 3.10 g / 6 o'clock  
**Obv.:**  $\text{E}/\Theta\text{H}/\Delta$  to l.,  $\text{FC}/\text{E}$  to r.  
**Rev.:**  $\dots\text{K}/\Delta\text{C}/\Delta$  to r.  
**Ref.:** DOC V, pl. 41, 729 (*this coin*); PCPC 212.1 (*this coin*); Sear 2369 (*this coin*).  
**Prov.:** Bendall colln., ex Lord Grantley



- Obv.:**  $\Theta/\text{F}/\Delta$  to l.,  $\text{MH}/\text{F}/\text{O}/\text{S}$  to r. St. Demetrius, beardless and nimbate, seated, wearing tunic, breastplate and sagion; r. hand sword resting over shoulder, l. hand shield.  
**Rev.:** Half-length figure of bearded, winged emperor above city walls; r. hand sword resting over shoulder.  
*LPC 214.15; PCPC 213; Sear 2374; DOC V, Class IV, pl. 41, 730-1*

- 671 23 mm / 2.71 g / 6 o'clock  
**Obv.:**  $\text{O}/\Lambda/\text{I}$  to l.,  $\Delta/\text{HMH}/\text{FI}/\text{O}/\text{C}$  to r. (HMH as monogram)  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



- Obv.:**  $\text{F}/\Theta$  to l.,  $\Delta/\text{HMH}/\text{F}/\text{I}/\text{S}$  to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword; l. hand shield.  
**Rev.:**  $\Lambda/\text{N}\Delta/\dots$  to l.,  $\Delta/\text{F}/\text{C}$  to r. Half-length figure of bearded emperor wearing stemma, div., c-p and loros; holds a large lily in each hand.  
*LPC 212.13; PCPC (216); Sear 2372; DOC V, Class VII, pl. 42, 734-5*

- 672 22 mm / 1.35 g / 6 o'clock  
**Prov.:** Bendall colln.



- Obv.:** Two wings with six-pointed star above and below.  
**Rev.:** Three-quarter-length figure of emperor in portico, wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.  
*LPC 220.24; PCPC 221; Sear 2385; DOC V, Class XI, pl. 42, 745-8*

- 673 23 mm / 0.94 g / 6 o'clock  
**Prov.:** Baldwin 2001



- 674** 22 mm / 1.54 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



**Obv.:** Long cross pattée, eight-pointed star in each quarter.  
**Rev.:** AN to l., ΔΠ to r., or var. Half-length figure of emperor, bearded, wearing stemma, div., c-p and panelled loros of simpl. type; r. hand gl. cr.; l. hand labarum-headed sc.  
*LPC* 220.25; *PCPC* (225); Sear 2386; *DOC* V, Class XV-a (legend vertical), pl. 43, 755-6

- 675** 27 mm / 2.72 g / 6 o'clock  
**Rev.:** AN to l., ΔΠ to r.  
**Prov.:** Bendall colln.



**Obv.:** Palaeologan monogram with two stars in field.  
**Rev.:** Full-length figure of winged and bearded emperor wearing stemma, div., jewel. loros simpl. type and sagion; r. hand sc. cr.; l. hand anxikakia.  
*LPC* 226.34; *PCPC* (227); Sear 2395; *DOC* V, Class XVII, pl. 43, 760-2

- 676** 22 mm / 0.95 g  
**Obv.:** Brockage of the reverse.  
**Prov.:** Baldwin 2001



**Obv.:** Large patriarchal cross, wing on each side, small cross in circle above.  
**Rev.:** ΔΚΟ (for Andronicus) in r. field. Three-quarter-length figure of bearded emperor wearing stemma, div., jewel. loros of simpl. type and sagion; r. hand anxikakia; l. hand labarum on long shaft. Six-pointed star in upper l. field.  
*LPC* 218.23; *PCPC* (237); Sear 2384; *DOC* V, Class XXVI, pl. 44, 784-5

- 677** 24 mm / 2.07 g / 6 o'clock  
**Prov.:** Bendall colln.



**Obv.:** ☉ to l., ΔΜ to r. Three-quarter-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.  
**Rev.:** ΝΔ to upper r. Full-length figure of bearded emperor wearing stemma, div., c-p and loros; r. hand large patriarchal cross; l. hand anxikakia. Large star in lower l. field.  
*LPC* 216.18; *PCPC* (238); Sear 2377; *DOC* V, Class XXVII, pl. 44, 786-8

- 678** 23 mm / 2.66 g / 6 o'clock  
**Obv.:** ☉ to l., ΔΜ to r.  
**Rev.:** ΝΔ to upper r.  
**Prov.:** Bendall 2001

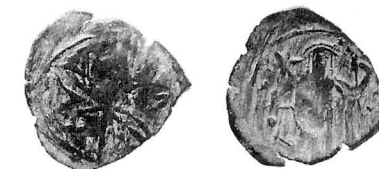


**Obv.:** Six-petalled flower.  
**Rev.:** Three-quarter-length figure of emperor between Β Β, wearing stemma, div., c-p and loros.  
*LPC* 224.32; *PCPC* 239; Sear 2393; *DOC* V, Class XXVIII, pl. 45, 789-92

- 679** 24 mm / 2.15 g / 6 o'clock  
**Ref.:** *PCPC* 239.1 (*this coin*); Sear 2393 (*this coin*).  
**Prov.:** Bendall colln.



- 680** 22 mm / 1.07 g / 6 o'clock  
**Obv.:** Six-petalled flower.  
**Rev.:** Three-quarter-length figure of bearded emperor; r. hand anxikakia; l. hand labarum on long shaft. Six-pointed star in upper l. field.  
**Ref.:** *DOC* V, Class XXVIII, pl. 45, 789-92 (obv.) and Class XXVI pl. 44, 784-5 (rev.); *LPC* 224.32, 218.23; *PCPC* 239, (237); Sear 2393, 2384; Bendall 2001, p. 266, pl. 49, no. 143 (*this coin*).  
**Prov.:** Bendall, from Thessalonica (VII) hoard



**Obv.:** Four-petalled flower, star in each quarter.  
**Rev.:** ΑΝ/Δ to l., ΚΟ to r. Half-length figure of bearded emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand large lily; l. hand sc. cr.  
*LPC* 222.29; *PCPC* 240; Sear 2390; *DOC* V, Class XXIX, pl. 45, 793-7

- 681** 24 mm / 1.86 g  
**Rev.:** ΜΚ to l.  
**Prov.:** Bendall colln., ex Bertelè colln.



**Obv.:** Large patriarchal cross, six-pointed stars in bottom quarters.

**Rev.:** A/N/I/K/C to l. Three-quarter-length figure of bearded emperor wearing stemma, div., c and jewel. loros of simpl. type; haloed cross in each hand.

LPC 220.26; PCPC 241; Sear 2387; DOC V, Class XXX, pl. 45, 798-800

682 20 mm / 1.62 g / 6 o'clock

**Prov.:** Baldwin 2001



**Obv.:** Wing to r. holding to l. large patriarchal cross; large 8 to l.

**Rev.:** ANXΔ on r. Half-length figure of bearded emperor wearing stemma, div., c-p and lor r. hand haloed cross; l. hand labarum-headed sc. Palaeologan monogram in upper l. field.

LPC 218.22; PCPC 243; Sear 2383; DOC V, Class XXXII, pl. 45, 807

683 22 mm / 1.88 g / 6 o'clock

**Prov.:** Bendall 2001



684 23 mm / 1.15 g / 6 o'clock

**Prov.:** Baldwin 2001



685 22 mm / 1.64 g / 6 o'clock

**Rev.:** Star to bottom r.

**Prov.:** Bendall colln.



**Obv.:** ☉ to l. Bust of military saint (St. Demetrius?); l. hand sword resting over shoulder; other details remain uncertain.

**Rev.:** Half-length figure of bearded emperor holding in each hand globus surmounted by ve large cross.

LPC - ; Bendall – Donald 1980, p. 46, no. 9; PCPC (244); Sear 2492; DOC V, Class XXXI pl. 45, 809-10

686 20 mm / 1.71 g / 6 o'clock

**Obv.:** ☉ to l.

**Prov.:** Bendall colln.



**Obv.:** ☉/Γ to l., Δ/Μ/Π/Φ or var. to r. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.

**Rev.:** Three-quarter-length figure of bearded emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand sc. cr.; l. hand gl. cr. *Manus Dei* in upper r. field. Two stars in l. field.

LPC 212.14; PCPC 246; Sear 2373; DOC V, Class XXXIV, pl. 46, 811-5

687 24 mm / 1.38 g / 6 o'clock

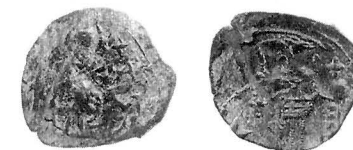
**Obv.:** Δ/ΗΗ/Τ to r. (ΗΗ as monogram)

**Prov.:** Bendall colln.



688 21 mm / 0.96 g / 6 o'clock

**Prov.:** Bendall colln.



**Obv.:** Large patriarchal cross between  $\overline{\text{IC}}$   $\overline{\text{XC}}$  and  $\overline{\text{N}}$   $\overline{\text{K}}$  (for *Nika*).

**Rev.:** Three-quarter-length figure of bearded emperor; r. hand sc. cr.; l. hand anexikakia. Two stars in l. field, and one in upper r. field.

LPC 222.27; PCPC 247; Sear 2388; DOC V, Class XXXV, pl. 46, 816-9

689 20 mm / 1.50 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{M}}$  to l.

**Ref.:** PCPC 247.1 (*this coin*); Sear 2388 (*this coin*).

**Prov.:** Bendall colln., from Glendining 4/7/1973, lot 207

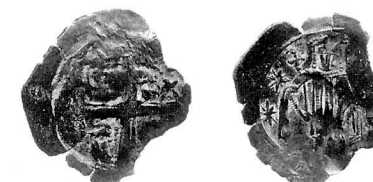


690 23 mm / 1.06 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$  – X and  $\overline{\text{N}}$

**Ref.:** PCPC 247.2 (*this coin*).

**Prov.:** Bendall colln.



691 18 mm / 1.04 g

**Obv.:** K to bottom r.

**Prov.:** Bendall 2001





**Obv.:** Elaborate four-petalled flower.

**Rev.:** Three-quarter-length figure of bearded emperor; r. hand on body. Two six-pointed star to l., and two to r.

*LPC* 224.30; *PCPC* (249); Sear 2391; *DOC* V, Class XXXVII, pl. 46, 821-4

692 20 mm / 1.27 g / 6 o'clock

**Prov.:** Baldwin 2001



**Obv.:** O/ΑΓΙΩ/Σ to l., Δ/Η/Τ to r. Bust of St. Demetrius, beardless and nimbate; r. hand small cross on breast.

**Rev.:** Three-quarter-length figure of bearded emperor on l., blessed by Virgin nimbate. In upper centre field star. In lower centre field cross.

*LPC* 204.2 (but as Christ on rev.); *PCPC* 250; Sear 2360; *DOC* V, Class XXXVIII, pl. 46, 825-32

693 20 mm / 1.01 g / 6 o'clock

**Obv.:** Δ/Η/Τ to r.

**Prov.:** Bendall colln.



**Obv.:** Palaeologan monogram.

**Rev.:** ΔΗΜ on l. Three-quarter-length figure of St. Demetrius, beardless and nimbate, on l., and of emperor. In upper centre field a star; in lower centre field a cross. Saint holds in r. hand spear. Emp. holds in l. hand sc.

*LPC* -; Bendall – Donald 1980, p. 46, no. 7; *PCPC* 252; Sear 2367; *DOC* V, Class XL, pl. 4 833-9 (but St. George on rev.)

694 22 mm / 1.56 g / 6 o'clock

**Rev.:** ΔΗΜ on l.

**Prov.:** Bendall colln., ex Bertelè colln.



**Obv.:** Three-quarter-length figure of St. Michael, beardless and nimbate.

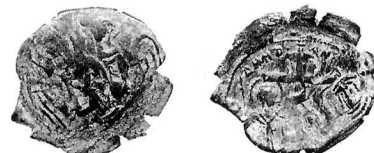
**Rev.:** ΔΗΜΤ – ΑΝΔ Half-length figure of St. Demetrius, beardless and nimbate on l., and of bearded emperor; between them large patriarchal cross. Saint and emperor hold in r. and l. hand respectively sc. cr.

*LPC* -; Bendall – Donald 1980, p. 46, no. 8; *PCPC* (253); Sear 2368; *DOC* V, Class XLI, pl. 47, 840-4

695 22 mm / 1.82 g

**Rev.:** ΔΗΜΤ – ΑΝ (ΗΜ as monogram)

**Prov.:** Bendall 2001

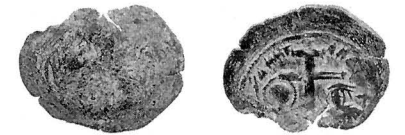


696 22 mm / 1.16 g

**Obv.:** Worn.

**Rev.:** ΔΗΜΤ – ΑΝΔ (ΗΜ as monogram)

**Prov.:** Baldwin 2001



**Obv.:** Three-quarter-length figure of St. Demetrius, beardless and nimbate; r. hand sword; l. hand shield. Four stars in field.

**Rev.:** Three-quarter-length figure of winged and bearded emperor wearing stemma, div., c-p and loros; r. hand large patriarchal cross; l. hand sc.

*LPC* 216.20; *PCPC* (254); Sear 2379; *DOC* V, Class XLIII, pl. 47, 846-8

697 21 mm / 1.43 g / 6 o'clock

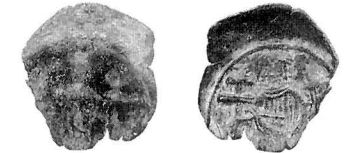
**Prov.:** Bendall 2001



698 20 mm / 1.19 g

**Obv.:** Brockage of the reverse.

**Prov.:** Baldwin 2001



**Obv.:** Α to l., Δ/Η/Τ to r., or var. Half-length figure of St. Demetrius, beardless and nimbate; l. hand spear resting over shoulder; in l. field large cross.

**Rev.:** Α/ΝΚ ΟC/ΑΠ to l. (?) Three-quarter-length figure of winged and bearded emperor wearing stemma, div., c-p and loros; r. hand model of a city; l. hand sc. cr.

*LPC* 210.11; *PCPC* 255; Sear 2370; *DOC* V, Class XLIV, pl. 47, 849-51

699 23 mm / 1.23 g / 6 o'clock

**Obv.:** Δ/Η/Τ to r.

**Prov.:** Bendall 2001



700 22 mm / 1.79 g

**Obv.:** Brockage (?) of the reverse.

**Rev.:** ΗΔ on l.

**Prov.:** Bendall 2001



701 18 mm / 0.69 g

**Obv.:** Large cross in l. field not visible.

**Rev.:** ΝΔ on l.

**Prov.:** Baldwin 2001



## Andronicus II - Michael IX (1294-1320)

### Uncertain Mint

#### Hyperpyron, AV

**Obv.:**  $\overline{MP}$   $\overline{OV}$  beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with six towers.

**Rev.:**  $\overline{X/M/\Lambda/\epsilon/C/\Pi}$  to l.,  $\overline{\Lambda N/\Delta P/N/K}$  to r., or var.  $\overline{IC}$   $\overline{XC}$  beside Christ's head. Full-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded on r., and of Michael IX, beardless on l. Andronicus wears stemma, div., c-p and jewel. Ioros of simpl. type. Michael similarly dressed.

*LPC* 62.1; *PCPC* - ; Sear 2396; *DOC* V, Class II-a with TE (transposed effigies), table 13, p. 136-7

- 702** Siglon: 75 (Bendall/1984)  
25 mm / 4.03 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$  N to l., A to r.  
**Ref.:** Bendall 1995a, pl. 12, no. 25a (*this coin*).  
**Prov.:** Bendall colln.



- 703** Siglon: 78 (Bendall/1984)  
24 mm / 4.09 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$   $\overline{X/\Psi/\Delta C/C/M}$  to l.,  $\overline{\Lambda N/\Delta P/\Lambda/\epsilon/}$  to r. ( $\overline{\Lambda N}$  as monogram)  
**Ref.:** Bendall 1995a, pl. 12, no. 23a (*this coin*).  
**Prov.:** Bendall colln.



- 704** Siglon: 79 (Bendall/1984)  
25 mm / 3.68 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$   $\overline{X/\Psi/\Delta C/...}$  to l.,  $\overline{\Lambda N/\Delta}$  to r. ( $\overline{\Lambda N}$  as monogram)  
**Ref.:** Bendall 1995a, pl. 12, no. 22b (*this coin*).  
**Prov.:** Bendall colln.



- 705** Siglon: 87 (Bendall/1984)  
25 mm / 4.15 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$   $\overline{X/.../C}$  to l.,  $\overline{A/N/K/OC/\epsilon}$  to r.  
**Ref.:** Bendall 1995a, pl. 9, no. 7a (*this coin*).  
**Prov.:** Bendall colln.



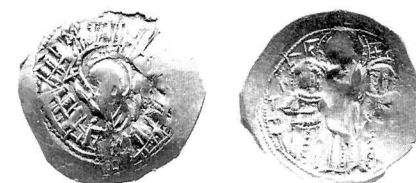
- Siglon: 88 (Bendall/1984)  
**706** 25 mm / 4.11 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{X}$   $\overline{X/\epsilon C/\Pi/C}$  to l.,  $\overline{C/\epsilon}$  to r.  
**Ref.:** *DOC* V, pl. 15, 245; Bendall 1995a, pl. 11, no. 17d (*this coin*).  
**Prov.:** Bendall colln.



- 707** 23 mm / 4.06 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$   $\overline{M/X/\Lambda C/.../H}$  to l.,  $\overline{A/N}$  to r.  
**Ref.:** *DOC* V, pl. 15, 245; Bendall 1995a, pl. 11, no. 17b (*this coin*); idem 1982a, pl. 19, no. 148 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



- Siglon: 89 (Bendall/1984)  
**708** 25 mm / 4.02 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$   $\overline{M/X/T/H}$  to l.  
**Ref.:** Bendall 1995a, pl. 10, no. 15a (*this coin*).  
**Prov.:** Bendall colln.



- 709** 26 mm / 3.90 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{X}$   $\overline{\Psi}$  to l.  
**Ref.:** Bendall 1995a, pl. 10, no. 14a (*this coin*).  
**Prov.:** Bendall colln.



- 710** 24 mm / 2.92 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$   $\overline{X/\Lambda/T/H}$  to l.,  $\overline{\Delta}$  to r.  
**Ref.:** Bendall 1995a, pl. 10, no. 14b (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 92 (Bendall/1984)  
**711** 24 mm / 3.91 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$  M to l., AN on r.  
**Ref.:** Bendall 1995a, pl. 9, no. 11c (*this coin*); idem 1982a, p. 75, specimen 120 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



- 712** 28 mm / 4.04 g / 6 o'clock  
**Rev.:**  $\overline{IC}$  -  $\overline{XC}$  MIX -  $\overline{\Lambda \epsilon C}$   
**Ref.:** Bendall 1995a, pl. 10, no. 11g (*this coin*).  
**Prov.:** Bendall colln.



**713** 26 mm / 4.10 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\times\text{C}$  Letters on r. indistinct  
**Ref.:** Bendall 1995a, pl. 10, no. 11f (*this coin*);  
idem 1982a, pl. 18, no. 118 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



**714** 25 mm / 4.11 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\Lambda\Lambda\Pi\Pi\text{K}$  on r.  
**Ref.:** Bendall 1995a, pl. 9, no. 11e (*this coin*);  
idem 1982a, p. 75, specimen 117 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



**715** 25 mm / 4.11 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\chi\text{M}\Lambda\text{I}$  –  $\dots\text{IN}$   
**Ref.:** Bendall 1995a, pl. 9, no. 11a (*this coin*);  
idem 1982a, pl. 18, no. 119 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



Siglon: 94 (Bendall/1984)

**716** 24 mm / 3.96 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\times$  Letters on l. indistinct  
**Ref.:** *DOC* V, pl. 16, 257; Bendall 1995a, pl. 7,  
no. 2g (*this coin*).  
**Prov.:** Bendall colln.



**717** 24 mm / 4.07 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\text{K}/\dots\text{H}/\Delta/\text{T}$  to l.,  $\text{H}/\text{T}/\text{T}$  to r.  
**Ref.:** *DOC* V, pl. 16, 257; Bendall 1995a, pl. 7,  
no. 2e (*this coin*).  
**Prov.:** Bendall colln.



**718** 24 mm / 3.76 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\text{M}\text{O}\Pi\Lambda\Gamma\cdot$  –  $\text{K}\cdot\Pi\Lambda$   
**Ref.:** *DOC* V, pl. 16, 257; Bendall 1995a, pl. 7,  
no. 2k (*this coin*).  
**Prov.:** Bendall colln.



**719** 25 mm / 4.01 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\times$   $\text{M}\text{O}\Pi\Lambda\Gamma\cdot$  –  $\text{K}\cdot\Pi\Lambda\Lambda\Lambda$   
**Ref.:** *DOC* V, pl. 16, 257; Bendall 1995a, pl. 7,  
no. 2j (*this coin*).  
**Prov.:** Bendall colln.



**720** 25 mm / 3.98 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\times$   $\text{M}\text{O}\Pi\Lambda\Gamma\cdot$  –  $\text{K}\cdot\dots\Lambda\Delta$   
**Ref.:** *DOC* V, pl. 16, 257; *LPC* 62.1; Bendall  
1995a, pl. 8, no. 2l (*this coin*).  
**Prov.:** Bendall colln.



**721** 24 mm / 3.60 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\times$   $\text{M}\text{O}\Pi\Lambda\Gamma\cdot$  –  $\text{K}\cdot\Pi$   
**Ref.:** *DOC* V, pl. 16, 257; Bendall 1995a, pl. 7,  
no. 2i (*this coin*).  
**Prov.:** Bendall colln.



**722** 25 mm / 4.00 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\text{M}\Pi\text{M}\Pi$  –  $\dots\text{PNK}$   
**Ref.:** *DOC* V, pl. 16, 257; Bendall 1995a, pl. 7,  
no. 2b (*this coin*); idem 1982a, pl. 20, no. 172  
(*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



**723** 25 mm / 4.06 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\text{M}\text{I}\text{M}\text{I}\Pi$  –  $\Delta\text{PNK}$   
**Ref.:** *DOC* V, pl. 16, 257; Bendall 1995a, pl. 7,  
no. 2a (*this coin*).  
**Prov.:** Bendall colln.



Siglon: 95 (Bendall/1984)  
**724** 25 mm / 4.07 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   $\Pi$  to l.,  $\Delta/\text{K}/\text{O}/\Pi$  to r.  
**Ref.:** Bendall 1995a, pl. 8, no. 5a (*this coin*).  
**Prov.:** Bendall colln.



Siglon: 100 (Bendall/1984)  
**725** 24 mm / 4.04 g / 6 o'clock  
**Rev.:**  $\overline{\text{IC}}$  –  $\times$   $\chi/\text{M}/\Delta/\epsilon/\text{C}/\Pi$  to l.  
**Ref.:** Bendall 1995a, pl. 11, no. 16a (*this coin*).  
**Prov.:** Bendall colln.



Siglon: 101 (Bendall/1984)  
**726** 23 mm / 4.02 g / 6 o'clock  
**Ref.:** Bendall 1995a, pl. 13, no. 29a (*this coin*);  
idem 1982a, pl. 19, no. 152 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard





- 727 24 mm / 4.00 g / 6 o'clock  
**Rev.:** Δ/P to r.  
**Ref.:** Bendall 1995a, pl. 13, no. 29b (*this coin*);  
idem 1982a, pl. 19, no. 154 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



- Siglon: 104 (Bendall/1984)  
728 24 mm / 3.92 g / 6 o'clock  
**Rev.:** ⲟⲭ – ⲓⲈ ⲙⲓ/ⲭⲏⲉ/ⲧⲟⲡ/...ⲕⲏ/ⲡ to l.,  
PN/K to r.  
**Ref.:** Bendall 1995a, pl. 13, no. 31c (*this coin*).  
**Prov.:** Bendall colln.



- 729 26 mm / 4.03 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ .../H to l., A/P to r.  
**Ref.:** Bendall 1995a, pl. 13, no. 31a (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 83 var. (Bendall/1984)  
730 23 mm / 4.08 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ ⲙⲓ/ⲭ/ΔC to l., A/... to r.  
**Ref.:** Bendall 1995a, pl. 9, no. 8a (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 82 var. (Bendall/1984)  
731 22 mm / 3.17 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ N to l., A/P/O to r.  
**Ref.:** Bendall 1995a, pl. 9, no. 9a (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 93 var. (Bendall/1984)  
732 26 mm / 4.19 g / 6 o'clock  
**Rev.:** ⲭⲈ ⲙⲭⲏⲏⲏ – AN  
**Ref.:** Bendall 1995a, pl. 10, no. 13a (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 18 (Bendall/1995)  
733 24 mm / 4.12 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ ⲭ/ⲏ/ⲧ/H to l., A/N to r.  
**Ref.:** Bendall 1995a, pl. 11, no. 18b (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 20 (Bendall/1995)  
734 25 mm / 4.19 g / 6 o'clock  
**Obv.:** ⲙⲙⲡ – ⲟⲩ  
**Rev.:** ⲓⲈ – ⲭ ⲭ/ⲙ/ⲏⲉ/ⲧ/ⲧ to l., N/T/N to r.  
**Ref.:** Bendall 1995a, pl. 11, no. 20a (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 24 (Bendall/1995)  
735 25 mm / 4.06 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ ⲭ/ⲙ/ⲏⲉ/Ⲉ/ⲧ to l., ⲏⲡ/N/K to r.  
**Ref.:** Bendall 1995a, pl. 12, no. 24d (*this coin*).  
**Prov.:** Bendall colln.



- 736 24 mm / 3.84 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ ⲭ/ⲙ/ⲏⲉ/Ⲉ/ⲧ to l., ⲏⲏ/ⲏⲡ/N/K  
to r.  
**Ref.:** Bendall 1995a, pl. 12, no. 24c (*this coin*).  
**Prov.:** Bendall colln.



- 737 27 mm / 3.66 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ ⲭ/ⲙ/ΔC/ⲏ to l., A/N/P to r.  
**Ref.:** Bendall 1995a, pl. 12, no. 24b (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 80? (Bendall/1984); 26 (Bendall/1995)  
738 26 mm / 4.01 g / 6 o'clock  
**Rev.:** ⲏ/ⲏ/ⲏ to l.  
**Ref.:** Bendall 1995a, pl. 12, no. 26a (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: 3 (Bendall/1995)  
739 25 mm / 4.05 g / 6 o'clock  
**Rev.:** ⲓⲈ – ⲭⲈ ⲙⲭ/ⲏⲉ/ⲧ to l., A/N/P to r.  
**Ref.:** Bendall 1995a, pl. 8, no. 3a (*this coin*).  
**Prov.:** Bendall colln.



# Constantinople

## Hyperpyron, AV

**Obv.:** ΜΡ ΘΥ beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with six towers.

**Rev.:** ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r., or var. ΙC XC beside Christ's head. Full-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded on l., and of Michael IX, beardless on r. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.

LPC 62.1; PCPC 127; Sear 2396; DOC V, Class II-a, pls. 15-6, 235-61: 1294 - 1303

Siglon: 5

- 740** 27 mm / 3.89 g / 6 o'clock  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r.  
**Ref.:** DOC V, pl. 15, 243.  
**Prov.:** Bendall colln.



Siglon: 6

- 741** 25 mm / 4.07 g / 6 o'clock  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r.  
**Prov.:** Bendall colln.



Siglon: 7

- 742** 25 mm / 3.99 g / 6 o'clock  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r.  
**Prov.:** Bendall colln.



Siglon: 10

- 743** 24 mm / 4.14 g / 6 o'clock  
**Rev.:** ΙC - XC Λ/Ε/ to r.  
**Ref.:** Bendall 1982a, pl. 20, no. 166 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



Siglon: 11

- 744** 24 mm / 3.95 g / 6 o'clock  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r.  
**Prov.:** Bendall colln.



Siglon: 15 var.

- 745** 25 mm / 3.81 g / 6 o'clock  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r.  
**Prov.:** Bendall colln.



Siglon: 22

- 746** 24 mm / 4.05 g / 6 o'clock  
**Obv.:** ΜΡ ΘΥ  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r.  
**Prov.:** Bendall colln.



Siglon: 24

- 747** 24 mm / 4.09 g / 6 o'clock  
**Rev.:** ΙC - XC Λ/Ε/ to l., ΙΙΛΛ/ to r.  
**Prov.:** Bendall colln.

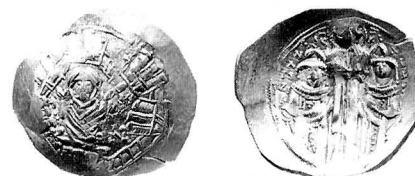


- 748** 24 mm / 3.94 g / 6 o'clock  
**Rev.:** ΙC - XC  
**Prov.:** Bendall colln.



Siglon: 38

- 749** 25 mm / 4.09 g / 6 o'clock  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., Λ/Ε/ to r.  
**Prov.:** Bendall colln.



Siglon: 39

- 750** 24 mm / 4.01 g / 6 o'clock  
**Rev.:** ΙC - XC Letters on l. indistinct, ΜΧ/Χ to r.  
**Ref.:** Bendall 1982a, pl. 19, no. 141 (*this coin*).  
**Prov.:** Bendall colln., from Istanbul (VII) hoard



Siglon: 42

- 751** 29 mm / 3.71 g / 6 o'clock  
**Rev.:** ΙC - XC ΑΝΔΡΟΜΗΚΗ to l., ΧΜΛΕ/Ε/ to r.  
**Prov.:** Bendall colln.



Siglon: 69

- 752 26 mm / 4.06 g / 6 o'clock  
**Rev.:** IC – XC AIA/N/KI/TI to l.  
**Ref.:** Bendall 1995a, pl. 8, no. 4a (*this coin*).  
**Prov.:** Bendall colln.



Siglon: obscure

- 753 25 mm / 4.04 g / 6 o'clock  
**Rev.:** IC A/A to l.  
**Prov.:** Bendall colln.



**Obv.:** MP ΘV beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with four towers.  
**Rev.:** A/N/ΔP/NI/KI to l., X/M/ΔE/CΠ to r., or var. IC XC beside Christ's head. Full-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded, on l., and of Michael IX, beardless on r. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.  
*LPC* 62.1; *PCPC* 128; *Sear* 2396; *DOC* V, Class II-b, pls. 16-28, 262-471: 1303 - 1320 and late

Siglon: 131

- 754 25 mm / 4.37 g / 6 o'clock  
**Rev.:** IC Letters on l. indistinct, M/X/Δ/Π to r.  
**Prov.:** Bendall colln.



Siglon: 145

- 755 26 mm / 3.74 g / 6 o'clock  
**Rev.:** IC – XC Δ to lower l., X/M to r.  
**Ref.:** *DOC* V, pls. 25-7, 417-51.  
**Prov.:** Bendall colln.



Siglon: 151

- 756 23 mm / 4.03 g / 6 o'clock  
**Rev.:** IC – XC X/Δ/Π to r.  
**Prov.:** Bendall colln.



Siglon: 149 (*Autokratores Romaion*)

- 757 25 mm / 4.11 g / 6 o'clock  
**Rev.:** IC – XC O...HOI on l., A/A to r.  
**Prov.:** Bendall colln.



Siglon: 153 (*Autokratores Romaion*)

- 758 21 mm / 3.22 g / 6 o'clock  
**Rev.:** IC – XC ...M...I – AVTOKAI  
**Ref.:** *DOC* V, pl. 28, 471.  
**Prov.:** Bendall colln.



#### Basilicon, AR

*Basilica with Imperial Names*

**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand resting on Gospel.

**Rev.:** N/K/O/C to l., X/AV to r., or var. IC XC beside Christ's head. Standing figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them cross on shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.  
*LPC* - ; *PCPC* 130; *Sear* 2398; *DOC* V, Class I, table 16, p. 144, 1: 1304 - 1320 (or later)

- 759 22 mm / 1.83 g (pierced) / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** IC – N/K/O/C to l., X/AV to r.  
**Ref.:** *PCPC* 130.1 (*this coin*).  
**Prov.:** Bendall colln., from M. Museum Vienna (by exchange)



**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand in sling of cloak; l. hand resting on Gospel.

**Rev.:** A/N/OC to l., X/M/Δ/EC/ΠO/TI to r., or var. Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them cross on long shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.  
*LPC* 66.5; *PCPC* 133; *Sear* 2401; *DOC* V, Class IV, table 16, p. 144, 4: 1304 - 1320 (or later)

- 760 19 mm / 1.69 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** A/N/OC to l., X/M/Δ/EC/ΠO/TI to r.  
**Prov.:** Bendall colln.





**Obv.:** ΜΡ – ΘΥ in upper field. Virgin nimbate, seated upon throne with back, holding beardless head of Christ on breast.

**Rev.:** ΑΝΔΕ/ΣΠ/ΟΙ/Ι to l., Χ/Μ/ΛΥ/ΚΙ/ΤΙ/Ν to r., or var. Full-length figure of Andronicus I bearded on l., and of Michael IX, beardless on r., each holding sc. cr., and jointly, between them labarum on long shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.

*LPC 68.8; PCPC 137; Sear 2404; DOC V, Class VI, pl. 31, 508: 1304 - 1320 (or later)*

**761** 22 mm / 2.03 g / 6 o'clock

**Obv.:** ΜΡ – ΘΥ

**Rev.:** ΑΝΔΡ/ΝΙ/Κ to l.

**Prov.:** Baldwin 2001



**Obv.:** ΚΥΡΙΕ ΒΟΗΘΕΙ. ΙC ΧC in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand resting on Gospel.

**Rev.:** ΑΝΔΡΟΝΙΚΟC – ΜΙΧΑΗΛΔΕCΠ Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them labarum with circle beneath the plaque, on shaft ending to base. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed. Both emperors place free hands upon chest.

*LPC 66.6; PCPC 134; Sear 2402; DOC V, Class VII, pl. 31, 509-12: 1304 - 1320 (or later)*

**762** 20 mm / 2.10 g / 6 o'clock

**Obv.:** ΚΥΡΙΕ – ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΔΙΔΡΟΝΙΚΟ – ΜΧΗΛΔΕCΠΟ

**Prov.:** Bendall colln.



**763** 20 mm / 1.79 g / 6 o'clock

**Obv.:** ΚΥΡΙΕ – ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΑΙΔΡΟΝΙΚΟC: – ΜΧ...

**Ref.:** *PCPC 134.2 (this coin).*

**Prov.:** Bendall colln.



**764** 18.5 mm / 1.80 g (pierced) / 6 o'clock

**Obv.:** ΚΥΡΗΕ – ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΟΝΙΚΟC – ΜΙΧΑΗΛΔΕCΠΟ

**Prov.:** Bendall colln.



**765** 20 mm / 1.96 g (pierced) / 6 o'clock

**Obv.:** ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΑΙΔΡΟΝΙΚΟC: – ΜΧΗΛΔΕCΠ

**Prov.:** Old Ashmolean colln., from Revd. T. Greville Chester 18/6/1889



**766** 21 mm / 2.07 g / 6 o'clock

**Obv.:** ΚΥΡΙΕ – ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΑΝΔΡΟΝΙΚΟCΔΕC – ΜΙΧΑΗΛΔΕCΠΟΤ

**Prov.:** Old Ashmolean colln., from Glendining 11/5/1977, lot 197, from D.R. Walker colln.



*Anonymous Basilica*

**Obv.:** ΚΥΡΙΕ ΒΟΗΘΕΙ. ΙC ΧC in upper field. Christ, bearded and nimbate, seated upon throne without back; r. hand raised in benediction; l. hand resting on Gospel.

**Rev.:** ΑΥΤΟΚΡΑΤΟ – ΡΕCΡΩΜΑΙΟΝ (or var.). Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them labarum with circle beneath the plaque, on long shaft ending to base. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed. Both emperors place free hands upon chest.

*LPC 88.35; PCPC 167; Sear 2402; DOC V, Class VIII, pls. 31-2, 513-40: c. 1305 - 1320*

No sigla in field.

Sear 2402; *DOC V*, pl. 31, 513-5.

**767** 20 mm / 1.48 g / 6 o'clock

**Obv.:** ΚΥΡΙΕ – ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΑΥΤΟΚΡΑΤΟ – ΡΕCΡΩΜΑΙΟΝ

**Prov.:** Bendall colln.



**768** 21 mm / 1.98 g / 6 o'clock

**Obv.:** ΗΘΕΙ ΙC

**Rev.:** ΑΥΤΟ... – ΡΕCΡΩΜΑΙΟΝ

**Prov.:** Bendall colln.



**769** 22 mm / 2.02 g / 6 o'clock

**Obv.:** ΚΥΡΙΕ – ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΑΥΤΟΚΡΑΤΟ – ΡΕCΡΩΜΑΙΟΝ

**Prov.:** Old Ashmolean colln., from Revd. T. Greville Chester 1892



Small dot by each elbow of Christ.

*PCPC 167.1; DOC V*, pl. 31, 517-24

**770** 22 mm / 1.77 g / 6 o'clock

**Obv.:** ΚΥΡΙΕ – ΒΟΗΘΕΙ ΙC – ΧC

**Rev.:** ΑΥΤΟΚΡΑΤΟ – ΡΕCΡΩΜΕΟΝ

**Ref.:** *PCPC 167.1 (this coin).*

**Prov.:** Bendall colln.



With large pellet in l. and r. field.  
*LPC* 88.35; *PCPC* 167.2; *DOC* V, pl. 32, 528-34

- 771 20 mm / 1.76 g / 6 o'clock  
**Obv.:** KVPIC – BOHΘEI IC – XC  
**Rev.:** AVTOKPATO – PECPΩMAION  
**Ref.:** *PCPC* 167.2 (*this coin*).  
**Prov.:** Bendall colln.



- 772 21 mm / 1.75 g / 6 o'clock  
**Obv.:** KVPIC – OHΘEI IC – XC  
**Rev.:** AVTOKPATO – PECPΩMAION  
**Prov.:** Old Ashmolean colln., from Revd. T. Greville Chester 1892



With \* in l. and r. field.  
*PCPC* 167.3; *DOC* V, pl. 32, 536-8

- 773 21 mm / 1.79 g / 6 o'clock  
**Obv.:** ...IE – OHE IC – XC  
**Rev.:** AVTOKPATO – PECPΩMAION  
**Prov.:** Bendall colln.



**Obv.:** MH Virgin nimbate, seated upon throne with back, holding beardless, nimbate head of Christ on breast.

**Rev.:** AVTOKPATO – PECPΩMAION (or var.). Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them patriarchal cross on long shaft. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed. Both emperors place free hands upon chest.  
*LPC* 88.34; *PCPC* (138); Sear 2405; *DOC* V, Class IX, - (see p. 144, table 16, 9): 1304 - 13 (or later)

- 774 19 mm / 1.83 g (broken) / 6 o'clock  
**Obv.:** MH  
**Rev.:** AVTOK... – ΩMAION (retrograde)  
**Prov.:** Bendall colln.



**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel.

**Rev.:** MH ΘV beside Virgin's head. Virgin nimbate, seated upon throne with back; holds beardless, nimbate head of Christ upon breast.

*LPC* 192.2; *PCPC* 371; Sear 2586; *DOC* V, Anonymous Religious - a, pl. 32, 541-3: 1320s

- 775 21 mm / 2.16 g / 6 o'clock

**Obv.:** IC – X

**Rev.:** MH – ΘV

**Ref.:** *PCPC* 371.1 (*this coin*); Sear 2586 (*this coin*); Bertelè 1948, pp. 161-3; Veglery – Zacos 1962, pp. 76-80; Bendall 1978b, p. 123.

**Prov.:** Bendall colln.



**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon elaborate throne with back with floral ornament; r. hand raised in benediction; l. hand resting on Gospel.

**Rev.:** MH ΘV beside Virgin's head. Virgin nimbate, seated upon throne with back, holding the seated Christ Child on l. arm. The throne is flanked by 8 B.

*LPC* 192.3; *PCPC* 372; Sear 2587; *DOC* V, Anonymous Religious - b, pl. 32, 544-8: 1320s

- 776 23 mm / 2.07 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** MH – ΘV

**Ref.:** Elagin 1947, p. 542.

**Prov.:** Old Ashmolean colln., from Baldwin Feb. 1978, from D.R. Walker colln.



- 777 22 mm / 2.06 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** MH – ΘV

**Ref.:** *PCPC* 372.1 (*this coin*); Sear 2587 (*this coin*).

**Prov.:** Bendall colln.



- 778 20 mm / 1.94 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** MH – ΘV

**Ref.:** *PCPC* 372.2 (*this coin*).

**Prov.:** Bendall colln.



#### Tornese, Billon

**Obv.:** A/NA/ON/K to l., X/H/ΔE/CT/T to r. Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., each holding sc. cr. in r. and l. hand respectively; between them anexikakia (?). Andronicus wears stemma, div., c-p and panelled loros of simpl. type. Michael similarly dressed.

**Rev.:** +KECOCΩNTXCBACHAIC Cross in quatrefoil. Legend inside two borders.  
*LPC* 70.9; *PCPC* 139; Sear 2410; *DOC* V, Class IX, pl. 33, 560

- 779 13 mm / 0.35 g (edges eroded) / 6 o'clock  
**Ref.:** PCPC 139.1 (*this coin*).  
**Prov.:** Bendall colln., from N. Rhodes (by exchange), ex Yalova, Turkey, July 1969



Stamenon, AE

- Obv.:** IC XC in upper field. Christ bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel.  
**Rev.:** Uncertain legend. Full-length figure of Andronicus II, bearded on l., and of Michael I beardless on r.; between them labarum on long shaft. Both emperors place free hands upon chest. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.  
*LPC 74.15; PCPC 146; Sear 2415; DOC V, Class V, pl. 35, 598: 1294 - 1320 (or later)*
- 780 23 mm / 2.72 g / 6 o'clock  
**Obv.:** IC - XC  
**Rev.:** all letters uncertain  
**Ref.:** PCPC 146.1 (*this coin*); Bendall 2003, pp. 134-5, no. 2.  
**Prov.:** Bendall colln.
- Obv.:** Three-quarter-length figure of Virgin nimbate, orans with medallion of beardless and nimbate Christ before her. B B in field.  
**Rev.:** A/ΔP/NI/KOC/ΔEC to l., Η/Χ/.../ΔΠ to r. Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r.; between them cross on long shaft with B at its base. Both emperors place free hands upon chest. Andronicus wears stemma, div., c-p and jewel. loros of simpl. type. Michael similarly dressed.  
*LPC 76.16; PCPC 148; Sear 2416; DOC V, Class VII, pl. 35, 599: 1294 - 1320 (or later)*
- 781 24 mm / 2.03 g / 6 o'clock  
**Obv.:** C to l.  
**Rev.:** A/ΔP/MI/KOC to l.  
**Ref.:** PCPC 148.1 (*this coin*); Bendall 2004a, p. 91, no. 2, rev.  
**Prov.:** Bendall colln.
- Obv.:** ΗΠ ΘV in field. Half-length figure of Virgin nimbate, orans.  
**Rev.:** ΑΝΔΡΟΝΙΚΟC - ΜΗΧΑΗΛΟΠ Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type; between them cross on long shaft. Both emperors place free hands upon chest.  
*LPC 76.17; PCPC 149; Sear 2417; DOC V, Class VIII, pl. 35, 600-3: 1294 - 1320 (or later)*
- 782 27 mm / 4.05 g / 6 o'clock  
**Obv.:** ΗΠ - ΘV  
**Rev.:** ΝΙΚΙ - ΜΧΗΛΔΕCΠ  
**Ref.:** PCPC 149.3 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.



- Obv.:** ΗΠ ΘV in field. Half-length figure of Virgin nimbate, orans.  
**Rev.:** ΑΝΔΡΟΝΙΚ - ΜΗΧΑΗΛ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and panelled loros of simpl. type; between them labarum on long shaft. Both emperors place free hands upon chest.  
*LPC 78.19; PCPC 150; Sear 2419; DOC V, Class IX, pl. 35, 604-7: 1294 - 1320 (or later)*

- 783 22 mm / 1.81 g / 6 o'clock  
**Obv.:** ΘV  
**Rev.:** ΑΙ - ΕC above, ΧΙΠ on r.  
**Prov.:** Bendall colln.



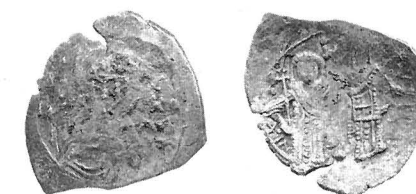
- Obv.:** Half-length figure of St. Michael, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sc.; l. hand globus.  
**Rev.:** Full-length figure of Andronicus II, on r., and of Michael IX, on l., wearing stemma, div., c-p and loros; between them labarum on long shaft.  
*LPC 92.40; PCPC 152; Sear 2439; DOC V, Class XI, pl. 36, 610: 1294 - 1320 (or later)*

- 784 22.5 mm / 1.59 g / 6 o'clock  
**Ref.:** PCPC 152.2 (*this coin*).  
**Prov.:** Bendall colln.



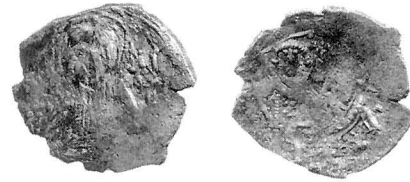
- Obv.:** Θ/NI/KO to l., Λ/A/O/S to r. Half-length figure of St. Nicholas, bearded and nimbate, wearing episcopal vestments; l. hand Gospel.  
**Rev.:** ΝΙΚ on l. Full-length figure of Andronicus II and of Michael IX, wearing stemma, div., jewel. loros of simpl. type and sagion; between them labarum on long shaft, at the base of which a globe. Both emperors hold sc. cr. in r. and l. hand respectively.  
*LPC 78.21; PCPC 153; Sear 2422; DOC V, Class XII, pl. 36, 611-2: 1294 - 1320 (or later)*

- 785 27 mm / 1.97 g / 6 o'clock  
**Obv.:** A to l., KO/Λ to r.  
**Rev.:** ΝΙΚ on l.  
**Ref.:** PCPC 153.1 (*this coin*).  
**Prov.:** Bendall colln.





- 786 25 mm / 2.40 g / 6 o'clock  
**Obv.:** II/OC to r.  
**Ref.:** PCPC 153.2 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Full-length figure of St. Michael, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand sword; l. hand shield.

**Rev.:** Full-length figure of Andronicus II and of Michael IX wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest. *LPC* - ; *PCPC* 155; *Sear* 2421; *DOC* V, Class XIV, - (see p. 153, table 18B, 14): 1294 - 1320 (or later)

- 787 24 mm / 1.99 g / 6 o'clock  
**Ref.:** PCPC 155.1 (*this coin*).  
**Prov.:** Bendall colln.



#### Assarion, AE

**Obv.:** +KVPIEB OHΘIΘCB ACIA . IC XC in field. Bust of Christ, beardless and nimbate. Legend inside two borders.

**Rev.:** ANΔPONIKOC - ... (uncertain letters). Full-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest. *LPC* 82.27; *PCPC* 160; *Sear* 2428; *DOC* V, Class II, pl. 37, 633-7: 1294 - 1320 (or later)

- 788 22 mm / 2.58 g / 12 o'clock  
**Obv.:** +KVPIEB OHΘIΘCB ACIA  
**Rev.:** ΔΔPON - ΔPONI  
**Prov.:** Old Ashmolean colln., from Sabin galleries 1960



**Obv.:** Seraph.

**Rev.:** ANΔPONIKOC - MIXΔECΠOTHC Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest. *LPC* 84.28; *PCPC* 161; *Sear* 2429; *DOC* V, Class III, pl. 37, 638-46: 1294 - 1320 (or later)

- 789 21 mm / 2.21 g / 6 o'clock  
**Rev.:** ANΔPOIIKO: - MHXHΛΛ  
**Prov.:** Old Ashmolean colln.



**Obv.:** Cross pattée, X at intersection, six-pointed star in each quarter.  
**Rev.:** PON - H or var. Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft. Both emperors place free hands upon chest. *LPC* 84.30; *PCPC* 163; *Sear* 2431; *DOC* V, Class V, pl. 38, 655-8: 1294 - 1320 (or later)

- 790 18 mm / 1.90 g / 6 o'clock  
**Rev.:** PON - H  
**Ref.:** PCPC 163.2 (*this coin*).  
**Prov.:** Bendall colln., from Lutz Ilisch 3/4/1974



- 791 22 mm / 1.65 g / 6 o'clock  
**Prov.:** Old Ashmolean colln., from Münzen und Medaillen 1/1/1964



**Obv.:** ANΔPONIKOC ΔECΠOTHC or O ΠAΛEOΛOΓOC Full-length figure of Andronicus II, bearded, wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand anexikakia.

**Rev.:** MIXHΛH ΔECΠOTHC or O ΠAΛEOΛOΓOC Full-length figure of Michael IX, beardless, wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand anexikakia. *LPC* 86.33; *PCPC* 166; *Sear* 2434; *DOC* V, Class VIII, pl. 39, 671-6: 1294 - 1320 (or later)

- 792 21 mm / 2.63 g / 12 o'clock  
**Obv.:** ANΔPONIKOCΔE - ΠA  
**Rev.:** ...COΠ on l.  
**Prov.:** Baldwin 2001



**Obv.:** Half-length figure of St. Michael, bearded and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand globus.

**Rev.:** AVTOK - PΩMEON. IC - XC beside Christ's head. Half-length figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus II and of Michael IX. Both emperors wear stemma, div., c-p and jewel. loros of simpl. type. *LPC* 88.36; *PCPC* 168; *Sear* 2435; *DOC* V, Class IX, pl. 39, 677-80: 1294 - 1320 (or later)

- 793 21 mm / 2.14 g (pierced) / 6 o'clock  
**Rev.:** IC - XC  
**Prov.:** Baldwin 2001



**Obv.:** +KVPIECΩCONTYCB ACIAIC. IC XC in field. Bust of Christ, beardless and nimbate  
Legend inside two borders.

**Rev.:** AVTOKPATOPEC – POMAIΩN Full-length figure of Andronicus II, bearded on l.,  
and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type  
between them labarum on long shaft. Both emperors place free hands upon chest.

*LPC* 90.37; *PCPC* 169; Sear 2436; *DOC* V, Class X, pl. 39, 681-2: 1294 - 1320 (or later)

**794** 20 mm / 1.40 g / 6 o'clock

**Obv.:** C – XC +K...ACIAEIC

**Rev.:** PNIMΩN on l.

**Prov.:** Baldwin 2001



**Obv.:** MP OV in field. Full-length figure of Virgin nimbate, orans.

**Rev.:** AVTOKPATOPEC – POMAIΩN Full-length figure of Andronicus II, bearded on l.,  
and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simpl. type  
between them labarum on long shaft on base, with O beneath the upper plaque. Both emperors  
place free hands upon chest.

*LPC* 90.38; *PCPC* 170; Sear 2437; *DOC* V, Class XI, pl. 39, 683-5: 1294 - 1320 (or later)

**795** 19 mm / 1.76 g / 6 o'clock

**Obv.:** MP – Θ

**Rev.:** AVTOKPAT – ...I...ON

**Ref.:** *PCPC* 170.1 (*this coin*); Sear 2437 (*this coin*).

**Prov.:** Bendall colln., from G. Zacos colln.



**796** 20 mm / 1.36 g / 6 o'clock

**Obv.:** MP – ΘV

**Ref.:** *PCPC* 170.2 (*this coin*).

**Prov.:** Bendall colln., from R.N. Bridge colln.



**797** 19 mm / 2.58 g / 6 o'clock

**Obv.:** M – ΘV

**Rev.:** ΔYTOKPA – ...NIM

**Prov.:** Bendall colln.



**Obv.:** O/ΑΓ/ΙΟC/ΑΝ to l., Δ/ΡΟ/ΝΙ/ΚΟ/C to r., or var. Half-length figure of St.

Andronicus, beardless and nimbate, wearing episcopal vestments; r. hand small cross  
before him.

**Rev.:** AVTOKPATOPEC – POMAIΩN Full-length figure of Andronicus II, bearded  
on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros  
of simpl. type; between them labarum on long shaft. Both emperors place free hands  
upon chest.

*LPC* 90.39; *PCPC* 171; Sear 2438; *DOC* V, Class XII, pl. 39, 686-8: 1294 - 1320 (or  
later)

**798** 21 mm / 2.52 g / 6 o'clock

**Obv.:** O/ΑΓ/ΙΟ to l., Α/Δ/Μ/ΚΟ/C to r.

**Rev.:** ΑΥΤ – ΩΜΑΙΩΝ

**Ref.:** *PCPC* 171.1 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** +/ΑΥΤΟ/ΚΡΑΤΟ/ΡΕCΡΩΜ/ΑΙΩΝ Legend in four lines.

**Rev.:** AVTOKPATOPEC POMAIΩN Three-quarter-length figure of Andronicus II,  
bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and  
panelled loros of simpl. type; between them labarum on long shaft. Both emperors hold  
in r. and l. hand respectively sc. cr.

*LPC* 92.41; *PCPC* 172; Sear 2440; *DOC* V, Class XIII, pl. 39, 689: 1294 - 1320 (or  
later)

**799** 21 mm / 1.88 g / 6 o'clock

**Obv.:** +/ΑΥΤΟ/ΚΡΑΤΟ/ΡΕCΡΩΜ/ΑΙΩΝ

**Ref.:** *PCPC* 172.1 (*this coin*).

**Prov.:** Bendall colln.



**800** 21 mm / 1.20 g / 6 o'clock

**Obv.:** +/ΑΥΤΟ/ΚΡΑΤΟ/ΡΕCΡΩΜ/ΑΙΩΝ

**Rev.:** ΡΩΜ above on l.

**Ref.:** Sear 2440 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** Large B B.

**Rev.:** AVTOKPATOPEC POMAIΩN Full-length figure of Andronicus II, bearded on  
l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of  
simpl. type; between them labarum on long shaft with a circular ornament below the  
upper panel. Both emperors place free hands upon chest.

*LPC* 94.44; *PCPC* 175; Sear 2443; *DOC* V, Class XVI, pl. 39, 692: 1294 - 1320 (or  
later)

- 801 23 mm / 2.48 g (broken) / 6 o'clock  
**Rev.:** ΑΥΤΙΚΙΑΤΙ – ΙΙCΙ...Μ  
**Ref.:** PCPC 175.2 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**Obv.:** Large ΝΙΩ (cursive Δ, i.e., "Indiction 14"), with abbreviation mark above N.  
**Rev.:** ΑΥΤΟΚΡΑΤΟΡΕC ΠΟΜΑΙΩΝ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simple type; between them labarum on long shaft with circular ornament. Both emperors place free hands upon chest.  
*LPC* 96.46; *PCPC* 177; *Sear* 2445; *DOC* V, Class XVIII, pl. 40, 694-7: 1300/1

- 802 20 mm / 1.56 g / 6 o'clock  
**Rev.:** ΙΙΑΙΥΙΙ on l.  
**Prov.:** Baldwin 2001



**Obv.:** Long cross pattée, small X at intersection, B 8 in upper and lower quarters.  
**Rev.:** +ΑΥΤΟΚΡΑΤΟΡΕCΠΟΜΑΙΩΝ forming outer circle of legend. Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft. Both emperors place free hands upon chest.  
*LPC* 98.49; *PCPC* 180; *Sear* 2448; *DOC* V, Class XXI, pl. 40, 700: 1294 - 1320 (or later)

- 803 23 mm / 1.58 g / 6 o'clock  
**Rev.:** +ΑΥ...ΟΡΕCΠΟΜΑΙΩΝ  
**Ref.:** PCPC 180.1 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Palaeologan monogram.  
**Rev.:** +ΑΥΤΟΚΡΑΤΟΡΕCΠΟΜΑΙΩΝ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft. Both emperors place free hands upon chest.  
*LPC* 98.50; *PCPC* 181; *Sear* 2449; *DOC* V, Class XXII, pl. 40, 701-4: 1294 - 1320 (or later)

- 804 22 mm / 1.90 g / 11 o'clock  
**Rev.:** +ΑΥΤΟΚΡΑΤ...ΜΑΙΩΝ  
**Ref.:** PCPC 181.1 (*this coin*); *Sear* 2449 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



- 805 22.5 mm / 2.21 g / 12 o'clock  
**Rev.:** +ΑΥΤΟΚΡΑ...ΗΑΙΩΝ  
**Ref.:** PCPC 181.2 (*this coin*).  
**Prov.:** Bendall colln., from Goodman Geneva, from Russian colln. (c. 1900-16)



**Obv.:** +ΑΥΤΟΚΡΑΤΟΡΕCΠΟΜΑΙΩΝ Cross pattée, X at intersection. Legend inside two borders.  
**Rev.:** +ΑΥΤΟΚΡΑΤΟΡΕC ΠΟΜΑΙΩΝ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simple type; between them patriarchal cross on long shaft. Both emperors place free hands upon chest.  
*LPC* 98.51; *PCPC* 182; *Sear* 2450; *DOC* V, Class XXIII, pl. 40, 705-10: 1294 - 1320 (or later)

- 806 20 mm / 1.90 g / 12 o'clock  
**Obv.:** +ΑΥΤΟΚΡΑΤΟΡΕCΠΟΜΑΙΩΝ  
**Rev.:** ...ΑΥΤ on r.  
**Prov.:** Old Ashmolean colln.



**Obv.:** Palaeologan monogram.  
**Rev.:** ΑΥΤΟΚ –ΡΑΤΟΡ Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and jewel. loros of simple type; between them labarum on long shaft. Both emperors hold in r. and l. hand respectively sc. cr.  
*LPC* 100.53; *PCPC* 184; *Sear* 2452; *DOC* V, Class XXV, pl. 40, 712-6: 1294 - 1320 (or later)

- 807 22 mm / 2.15 g / 6 o'clock  
**Rev.:** ΑΥΤΟΚ –ΡΑΤΟΡ  
**Ref.:** PCPC 184.1 (*this coin*); *Sear* 2452 (*this coin*).  
**Prov.:** Bendall colln.



- 808 21 mm / 1.96 g / 5 o'clock  
**Rev.:** ΑΥΤΟΚ –ΡΑΤ  
**Ref.:** PCPC 184.2 (*this coin*).  
**Prov.:** Bendall colln., from R.N. Bridge (gift).





## Thessalonica

### Basilicon, AR

**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand resting on Gospel.

**Rev.:** ΜΧΛΛΗΥΟΠ• – ΑΝΚΟCΟΠΙ Full-length figure of Andronicus II, bearded on r., and of Michael IX, beardless on l., wearing stemma, div., c-p and jewel. loros of simpl. type; between them patriarchal cross on shaft ending to step.

*LPC* 64.4; *PCPC* (132); Sear 2400 (but Constantinople); *DOC* V, Class II, pl. 31, 504-5 (but Constantinople): 1294?

809 20 mm / 2.14 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** ...ΧΛΛΗΥΟΠ• – ΑΝΚΟCΔΠΙ

**Ref.:** Bendall 1995b, p. 139, no. 5 (*this coin*).

**Prov.:** Bendall colln.



### Stamenon, AE

**Obv.:** Six-petalled flower.

**Rev.:** Three-quarter-length figure of Michael IX, beardless on l., crowned by Andronicus II, bearded. Michael holds in r. hand sc. cr., and in l. anexikakia. Andronicus holds in l. hand sc cr. Both emperors wear stemma, div., c-p and loros.

*LPC* 230.5; *PCPC* 229; Sear 2457; *DOC* V, Class XIX, pl. 43, 765

810 23 mm / 2.16 g / 6 o'clock

**Prov.:** Baldwin 2001



**Obv.:** ⦿ to l., Δ/ΗΗ/Τ/С to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic and himation (?); r. hand small cross to his breast. Star in l. and r. field.

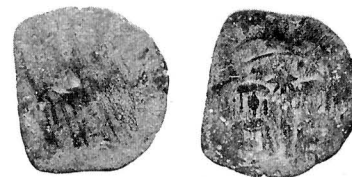
**Rev.:** ΑΝΔΡΟΝΙΚΟC ΔΕCΠ (?) Half-length figure of Michael IX, beardless on l., and of Andronicus II, bearded on r., wearing stemma, div., c-p and loros; between them large star on long shaft. Both emperors place free hands upon chest.

*LPC* 228.2; *PCPC* 233; Sear 2454; *DOC* V, Class XXII, pl. 44, 771-3

811 23 mm / 0.95 g

**Obv.:** Brockage (?) of the reverse.

**Prov.:** Bendall 2001



**Obv.:** Long cross, two stars in upper quarters, ⦿ B in lower quarters.

**Rev.:** ΑΝΔΡΟΝΙΚΟC – ΜΙΧΑΗΛ Half-length figure of Andronicus II, on l., and of Michael IX, on r., wearing stemma, div., c-p and loros; between them patriarchal cross on long shaft. Both emperors place free hands upon chest.

*LPC* 80.23; *PCPC* 234; Sear - ; *DOC* V, Class XXIII, pl. 44, 774-7

812 23 mm / 1.34 g / 6 o'clock

**Rev.:** ΜΧ on upper r.

**Prov.:** Bendall 2001



813 21 mm / 0.66 g / 6 o'clock

**Rev.:** ΑΝΔΡΟ on l.

**Prov.:** Baldwin 2001



**Obv.:** Two concentric circles bisected by vertical band.

**Rev.:** No legend. Three-quarter-length figure of Andronicus II and of Michael IX, wearing stemma, div., c-p and loros; between them haloed cross on long shaft. Both emperors hold in r. and l. hand respectively sc. cr.

*LPC* 232.6; *PCPC* (235); Sear 2458; *DOC* V, Class XXIV, pl. 44, 778-9

814 20 mm / 1.10 g / 12 o'clock

**Prov.:** Baldwin 2001



**Obv.:** Palaeologan monogram.

**Rev.:** ΑΝΔΡΟΝΙΚΟC – ΜΙΧΑΗΛΔΕCΠ (?) Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX, beardless on r., wearing stemma, div., c-p and loros; between them large lily on long shaft. Both emperors place free hands upon chest.

*LPC* 232.7; *PCPC* 236; Sear 2459; *DOC* V, Class XXV, pl. 44, 780-3

815 21 mm / 1.23 g / 6 o'clock

**Rev.:** ΝΔΡ... ΝΙΚΟ·Ι – ΜΧ

**Ref.:** *PCPC* 236.1 (*this coin*); Sear 2459 (*this coin*).

**Prov.:** Bendall colln., from Glendining 4/7/1973, lot 207



## Constantinople(?)

### Stamenon, AE

**Obv.:** Palaeologan monogram.

**Rev.:** M on r. Three-quarter-length figure of Andronicus II, bearded on l., and of Michael IX beardless on r., wearing stemma, div., c-p and loros; between them labarum on long shaft.

Both emperors place free hands upon chest.

*LPC* - ; *PCPC* - ; Sear - ; *DOC* V -

**816** 24 mm / 1.31 g / 6 o'clock

**Rev.:** M on r.

**Prov.:** Bendall colln. (This coin is a copper trachy that has been silvered later.)



## Andronicus II - Andronicus III (1325-1328)

### Constantinople

### Hyperpyron, AV

**Obv.:** MP ΘV beside Virgin's head. Half-length figure of Virgin nimbate, orans within the walls of Constantinople reinforced by four towers.

**Rev.:** ANΔPONIKOC – ANΔIIN. IC XC beside Christ's head. Standing figure of Christ, bearded and nimbate, blessing the kneeling figure of Andronicus III, bearded on l., and of Andronicus II, beardless on r. Both emperors wear stemma, div., c-p and jewel. loros of simpl type, and place free hands upon chest.

*LPC* 108.1; *PCPC* 185; Sear 2461; *DOC* V, Class III, pl. 30, 493-503: 1325 - 1328 (or later)

Siglon: 3, *DOC*: a

**817** 22 mm / 2.96 g / 6 o'clock

**Rev.:** IC – XC ANΔPONIKOC – ANΔIIN

**Ref.:** *DOC* V, pl. 30, 493.

**Prov.:** Old Ashmolean colln., from Evans bequest 1941



Siglon: 14, *DOC*: g

**818** 22 mm / 3.37 g / 6 o'clock

**Obv.:** M

**Rev.:** IC – X Λ – ANΔ

**Ref.:** *DOC* V, pl. 30, 502.

**Prov.:** Old Ashmolean colln., from Glendining auction, from the H.P. Hall colln.



### Stamenon, AE

**Obv.:** MP ΘV in field. Three-quarter-length figure of Virgin nimbate, orans.

**Rev.:** +ANΔPONIKOC ... Half-length figures of Andronicus III, on l., and of Andronicus II, on r., wearing stemma, div., jewel. loros of simpl. type and sagion; between them cross on long shaft; each figure holds in r. and l. hand respectively trilobate sc.

*LPC* 110.5; *PCPC* 189; Sear 2464; *DOC* V, Class XX, pl. 36, 623: 1325 - 1332

**819** 24 mm / 2.30 g / 6 o'clock

**Obv.:** MP – ΘV

**Rev.:** ...AN...OEPCTAΛCO

**Ref.:** *PCPC* 189.1 (*this coin*); Bendall 2004a, p. 91, no. 1.

**Prov.:** Bendall colln., from N. Rhodes (by exchange), ex Malatya July 1969



**820** 22 mm / 1.74 g / 6 o'clock

**Obv.:** M – Θ

**Rev.:** +ANΔPNI...ΔCAΠKOPVEΛΛ...

**Ref.:** *PCPC* 189.2 (*this coin*); Sear 2464 (*this coin*).

**Prov.:** Bendall colln., from Munich 1977



**821** 22 mm / 2.00 g / 6 o'clock

**Obv.:** MP

**Rev.:** +AN...ΠΛOYNNΛOEA...

**Ref.:** *PCPC* 189.3 (*this coin*).

**Prov.:** Bendall colln., from Mellon colln.



## Andronicus III (1328-1341)

### Constantinople

### Basilicon, AR

### Heavy Series

**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel resting on knee.

**Rev.:** ANΔPONIKOC – ΓO/A – ΔHMHTPIOC Full-length figure of Andronicus III, bearded on l., and of St. Demetrius, beardless and nimbate. Andronicus holds both hands towards the saint, who holds cross on breast with l. hand. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears tunic and himation.

*LPC* 118.3; *PCPC* 195; Sear 2471; *DOC* V, Class II, pl. 48, 858-63: 1328 - 1341

Sigla 8 B , legend circular.  
*PCPC* 195.1/3; Sear 2471; *DOC* V, pl. 48, 858-9

822 20 mm / 2.04 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** ANΔPONIKOC – Γ/O/Δ – ΔΗΜΗΤΡΙOC

**Ref.:** *PCPC* 195.1 (*this coin*).

**Prov.:** Bendall colln., from Munich Nov. 1975



823 20 mm / 1.86 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** ΔΡΟΝΙΚOCII – Γ/O/Δ – ΔΝΑΙ...

**Ref.:** *PCPC* 195.3 (*this coin*).

**Prov.:** Bendall colln.



Sigla 8 B , legend columnar.

*LPC* 118.3; *PCPC* 195.2; *DOC* V, pl. 48, 860-3

824 20 mm / 2.05 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** Λ/Ν/Δ/Ν/Κ/ΟC to l., Γ/O/Δ centre above, Δ/Η/Μ/Ρ to r.

**Prov.:** Bendall colln.



#### Light Series

**Obv.:** IC XC in upper field. Full-length figure of Christ, bearded and nimbed, standing on souppediton; r. hand on breast; l. hand Gospel. 8 B in middle and six-petalled flower and lil in lower field.

**Rev.:** ΔΗΜΗΤΡΙOC – Γ/O/Δ – ΑΝΔΡΟΝΙΚOC Full-length figure of St. Demetrius, bearded and nimbed, on l., and of Andronicus III, bearded on r. Andronicus holds l. hand on breast St. Demetrius holds cross in r. hand, and l. hand towards the emperor. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears tunic and himation.

*LPC* 120.5; *PCPC* (198); Sear 2473; *DOC* V, Class II, pl. 48, 871-3: 1328 - 1341

825 18 mm / 1.00 g / 6 o'clock

**Obv.:** IC – X

**Rev.:** ΔΗΜΗΤ... (downward) – Γ/O/Δ

**Prov.:** Bendall colln.



**Obv.:** IC XC in upper field. Christ, bearded and nimbed, seated upon throne with back; r. hand raised in benediction before him; l. hand Gospel.

**Rev.:** ΔΗΜΗΤΡΙOC – Γ/O/Δ – ΑΝΔΡΟΝΙΚOC (or var.) Three-quarter-length figure of St. Demetrius, beardless and nimbed on l., and of Andronicus III, bearded on r. St. Demetrius holds cross in r. hand, and l. hand towards the emperor. Emperor holds both hands towards saint. Emp. wears stemma, div., c-p and panelled loros of simpl. type. Saint wears tunic and himation.

*LPC* 118.4; *PCPC* 197; Sear 2472; *DOC* V, Class IV, pl. 48, 875-81: 1328 - 1341

Sigla lily and B , legend circular.

826 18 mm / 1.02 g / 6 o'clock

**Rev.:** ...ΙΜΙΙ... – Γ/O/Δ – ΑΙΙΑΝΚ

**Ref.:** *DOC* V, pl. 48, 875-6; *PCPC* 197.2-3.

**Prov.:** Bendall colln.



Sigla Λ Π , legend circular.

827 16 mm / 0.82 g (clipped) / 6 o'clock

**Rev.:** letters uncertain – O/Δ – ΑΙΙΑΝΚ

**Ref.:** *DOC* V, pl. 48, 878-81; *PCPC* 197.3.

**Prov.:** Bendall colln.



#### Assarion, AE

**Obv.:** Ν'Β (= Indiction B, 1334/5) with abbreviation mark above Ν. Star above and below.

**Rev.:** ΑΝΔΡΟΝΙΚOCΔΕCΠΟΤΗC (variously arranged). Half-length figure of bearded emperor wearing stemma, div., c-p and panelled loros of simpl. type; r. hand sc. cr.; l. hand anexikakia.

*LPC* 126.12; *PCPC* 204; Sear 2480; *DOC* V, Class III, pls. 49-50, 900-7: 1334/5

Legend begins at top.

*DOC* V, pl. 49, 900-1

828 21 mm / 2.31 g / 6 o'clock

**Rev.:** ΑΝΔ – ΑΙ...ΔΙΙ...

**Prov.:** Old Ashmolean colln., from Beeston colln. 1960



Legend begins bottom l.

*LPC* 126.12; *PCPC* 204; *DOC* V, pl. 50, 902-6

829 21 mm / 2.59 g / 6 o'clock

**Rev.:** ΑΝΡΟ – Δ...Π

**Ref.:** *PCPC* 204.1 (*this coin*).

**Prov.:** Bendall colln.





- 830 22 mm / 2.04 g / 6 o'clock  
**Rev.:** ΝΚΟCΔΕCΠΟΤΗC above  
**Ref.:** *PCPC* 204.2 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** Cross ancrée with pellet in each angle.  
**Rev.:** ΑΥΤΟΚΡΑΤΟΡ ΡΟΜΑΙΩΝ Three-quarter-length figure of bearded emperor; r. hand sc. cr.; l. hand on breast.  
*LPC* 126.13; *PCPC* 205; Sear 2481; *DOC* V, Class IV, pl. 50, 908-12

- 831 21 mm / 1.61 g / 12 o'clock  
**Rev.:** ΑΥΤΟΚΑΡΙ – ...ΜΤΟΝ  
**Prov.:** Bendall colln.



#### Constantinople (?)

**Obv.:** Palaeologan monogram.  
**Rev.:** Δ/Ν/Κ to l., C to r. Full-length figure of emperor; r. hand sc. cr.; l. hand aneikakia.  
*LPC* - ; Bendall – Donald 1980, p. 47, no. 12; *PCPC* - ; Sear 2494; *DOC* V - (see pp. 546, 558)

- 832 20 mm / 2.11 g / 6 o'clock  
**Rev.:** Δ/Ν/Κ to l., C to r.  
**Ref.:** Bendall 2005, pp. 90-1, figs. 1-10; idem 1997b, p. 199.  
**Prov.:** Old Ashmolean colln.



#### Thessalonica

##### Assarion, AE

**Obv.:** Half-length figure of St. Michael, beardless and nimbate; r. hand sword; l. hand shield.  
**Rev.:** ΑΝΔΡΟΝΙ/ΚΟC/ΔΕC/ΠΟ/Τ, to l., ΙC/ΧC to r. Full-length figure of Christ, bearded and nimbate, on r., holding Gospel in l. hand; places r. hand on the head of the emperor crouching in proskynesis to l.  
*LPC* 204.1; *PCPC* 263; Sear 2359; *DOC* V, Class I, pl. 50, 913-7

- 833 24 mm / 1.49 g / 6 o'clock  
**Rev.:** ΙC/ΧC  
**Prov.:** Bendall 2001



**Obv.:** Θ to l., Δ/Μ/Τ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing armour; r. hand spear.

**Rev.:** Α Μ above St. Michael. Three-quarter-length figure of St. Michael, beardless and nimbate, on l., turning r., and with l. hand raised in blessing over the head of the emperor, who holds two patriarchal crosses. Emp. wears stemma, div., c-p and jewel. loros of simpl. type. Saint wears tunic, breastplate and sagion.  
*LPC* 234.2; *PCPC* 257; Sear 2482; *DOC* V, Class II, pl. 50, 918

- 834 23 mm / 1.59 g / 6 o'clock  
**Obv.:** Θ to l., Δ/Μ/Τ to r.  
**Prov.:** Bendall colln.



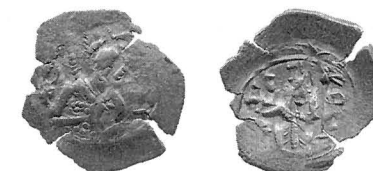
**Obv.:** Patriarchal cross with winged shaft.  
**Rev.:** Three-quarter-length figure of emperor on l., and of beardless and nimbate saint (St. Demetrius?); between them cross on long shaft. Emp. wears stemma, div., c-p and loros; r. hand sc. cr. Saint holds in l. hand spear. Star in cloud in upper centre field.  
*LPC* 234.3; *PCPC* 270; Sear 2483; *DOC* V, Class III, pl. 50, 919-20

- 835 19 mm / 1.02 g / 6 o'clock  
**Prov.:** Bendall colln.



**Obv.:** Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand hilt of sword (?); l. hand shield.  
**Rev.:** Emperor seated upon throne without back; r. hand patriarchal cross; l. hand sc. cr. in r. field. *Manus Dei* in upper r. field.  
*LPC* 236.5; *PCPC* 269; Sear 2485; *DOC* V, Class V, pl. 51, 922-6

- 836 23 mm / 1.48 g / 6 o'clock  
**Prov.:** Bendall colln., from Dumbarton Oaks (by exchange), ex Bertelè colln.



**Obv.:** Γ/Α/Ι to l., Δ/Η/Τ to r. Half-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.  
**Rev.:** Three-quarter-length figure of bearded emperor wearing stemma, div., c-p and loros, holding in both hands large patriarchal cross.  
*LPC* 236.6; *PCPC* 271; Sear 2486; *DOC* V, Class VI, pl. 51, 927-8

- 837 24 mm / 1.62 g / 6 o'clock  
**Prov.:** Baldwin 2001



- 838 23 mm / 1.14 g  
**Obv.:** Brockage of the reverse.  
**Prov.:** Bendall 2001



**Obv.:** O/ΑΓ/Θ to l., Δ/Μ/ΗΤ/Ρ to r. St. Demetrius, beardless and nimbate, seated upon throne without back; holds sword across knees.  
**Rev.:** Three-quarter-length figure of emperor wearing stemma, div., c-p and loros; l. hand sc. cr.; r. hand large lily. Seven (?) stars in field.  
*LPC* 238.7; *PCPC* 272; Sear 2487; *DOC* V, Class VII, pl. 51, 929

- 839 19 mm / 1.41 g / 12 o'clock  
**Obv.:** Δ/... to r.  
**Prov.:** Baldwin 2001



**Obv.:** Nimbate bust between Θ Β.  
**Rev.:** Three-quarter-length figure of bearded emperor, wearing stemma, div., c-p and loros, between two large stars and Θ Β. Emp. holds in r. hand sc. cr.  
*LPC* 240.11; *PCPC* 261; Sear 2490; *DOC* V, Class X, pl. 51, 931-2

- 840 22 mm / 2.20 g  
**Prov.:** Bendall 2001



- 841 19 mm / 1.16 g  
**Obv.:** Brockage of the reverse.  
**Prov.:** Baldwin 2001



**Obv.:** St. Demetrius, beardless and nimbate, riding on horseback to r. Two stars in upper field, and an uncertain feature to r. (a gate or the walls of Thessalonica?)  
**Rev.:** Full-length figure of emperor riding on horseback to r.; r. hand sc. cr. Star in upper r. field.  
*LPC* 242.15; *PCPC* 267; Sear 2499; *DOC* V, Class XIV, - (see p. 171, table 22, 14): 1328 - 1341

- 842 21 mm / 1.76 g / 6 o'clock  
**Ref.:** Morrisson 2003, fig. 45 (*this coin*); Bendall – Nicol 1977, p. 97, no. 1, pl. 9, no. 1.  
**Prov.:** Old Ashmolean colln., ex C.W.C. Oman 30/12/1896 (gift?)



**Obv.:** Palaeologan monogram.  
**Rev.:** ΔΗΜΗ (?) – ΑΝΔΡ (?) above. Half-length figure of St. Demetrius, beardless and nimbate, on l., and of bearded emperor; between them staff surmounted by large lily. Saint holds in r. hand spear. Emp. holds in l. hand sc. cr.  
*LPC* - ; *PCPC* - ; Sear - ; *DOC* V, Class XVIII, pl. 51, 936-40

- 843 21 mm / 1.93 g / 12 o'clock  
**Rev.:** ...Τ – ...Ν  
**Prov.:** Bendall 2001



- 844 20 mm / 1.58 g  
**Obv.:** Brockage of the reverse.  
**Rev.:** all letters indistinct  
**Prov.:** Bendall colln., ex Bertelè colln.



### John V (1341-1391) Phase I (1341-1347): The Regency and Civil War (Anna and John V)

#### Constantinople

#### Hyperpyron, AV

**Obv.:** ΑΝΝΑ upward to l., Ι/Ω downward in centre, ΕΝΧΩ downward to r. Full-length figure of Anna on l., and of John; Anna wears stemma, div., c-p and loros; r. hand trilobate sc.; l. hand on breast. John similarly dressed; l. hand sc.; r. hand anexikakia (as rev. in *DOC*).  
**Rev.:** ΑΝΔΡΟΝΙΚΟC vertically to l., ΙC/ΧC to r. Three-quarter-length figure of Andronicus III wearing stemma, div., c-p and loros, on l., kneeling before Christ, bearded and nimbate, who holds his r. hand above him in benediction (as obv. in *DOC*).  
*LPC* 116.1; *PCPC* 190; Sear 2466; *DOC* V, pl. 52, 942-3: 1341 - 1347

Var. 2

845 23 mm / 4.13 g / 6 o'clock

**Obv.:** Γ to l.

**Rev.:** IC/XC I/NI/K to l.

**Ref.:** *DOC* V, pl. 52, 943.

**Prov.:** Bendall colln., from Leu auction 13, 29-30/4/1975, Lot 767, Mellon colln.,



Basilicon, AR

**Obv.:** ΙΩΑΝΝΕΣ ΧΡ – ΟΠΑΛΛΑ. IC XC in upper field. Bust of Christ, bearded and nimbate, with outstretched arms above Three-quarter-length figure of John V wearing stemma, div., c and loros, and holding in r. hand labarum-headed sc. (?), and in l. gl. cr. (as rev. in *DOC*).

**Rev.:** Δ/Η/Μ – Γ/Ο/Δ – Α/Μ/Δ, or var. Three-quarter-length figure of St. Demetrius, beardless and nimbate on l., and of Andronicus III. Saint wears tunic and himation, and holds cross with r. hand on breast, his l. hand towards Andronicus. Emp. wears stemma, div., c-p and loros, and holds l. hand towards the saint (as obv. in *DOC*).

*LPC* 120.7; *PCPC* 199; Sear 2474; *DOC* V, Class I (transitional issue), pl. 52, 944: late summer of 1341

846 19 mm / 1.22 g / 6 o'clock

**Obv.:** ΙΩΑΝΝΕΣ ΧΡ – ΟΠΑΛΛΑ

**Rev.:** Δ/Η/Μ – Γ/Ο/Δ – Α/Μ/Δ

**Prov.:** Bendall colln.



**Obv.:** IC XC in upper field. Christ, bearded and nimbate, seated upon throne with back; r. hand in sling of cloak; l. hand Gospel.

**Rev.:** ANNA to l., I/Ω in centre, ΕΝΧΩ to r. Full-length figure of Anna on l., and of John. Anna wears stemma, div., c-p and loros, holds trilobate sc. in r. hand, and places l. hand on breast. John similarly dressed, holds sc. cr. in l. hand, and anexikakia in r.

*LPC* 132.2; *PCPC* (277); Sear 2503; *DOC* V, Class IV, pls. 53-60, 966-1144: c. 1342 - c. 1345

Heavy Series (c. 1.10 g)

847 21 mm / 1.14 g / 12 o'clock

**Obv.:** IC –

**Rev.:** ΑΥΙΑ on l., I/Ω centre

**Ref.:** *DOC* V, pls. 53-7, 966-1078.

**Prov.:** Old Ashmolean colln., from D.R. Walker colln.



## Phase II (1347-1353): John V and John VI Cantacuzene

Constantinople

Hyperpyron, AV

**Obv.:** Μ Θ in upper field. Half-length figure of Virgin nimbate, orans within the walls of Constantinople with four towers.

**Rev.:** ΙΩΕΝΚΩ downward to l. and r. Full-length figure of Christ, bearded and nimbate, with hands above the heads of the two kneeling figures of John V and John VI, who wear stemma, div., c-p and jewel. loros of simpl. type. Both hands of the emperors towards Christ.

*LPC* 138.1; *PCPC* 285; Sear 2526; *DOC* V, pl. 63, 1193: 1347 - 1353

Siglon: 2

848 26 mm / 3.94 g / 6 o'clock

**Obv.:** Θ

**Rev.:** IC – Χ ΙΚ downward on l., ...NK: downward on r.

**Prov.:** Bendall colln.



Siglon: 1b

849 24 mm / 4.28 g / 6 o'clock

**Obv.:** Μ – Θ

**Rev.:** IC – ΧC ΙΥΙΥ downward on l., ΙΥΙΚΥ downward on r.

**Ref.:** Bendall 2004b, p. 297, C.

**Prov.:** Bendall colln.



Basilicon, AR

**Obv.:** IC XC in upper field. Full-length figure of Christ, bearded and nimbate, in mandorla broken by a geometrical figure; r. hand raised in benediction; l. hand Gospel.

**Rev.:** ΩCNXΩ on l., or var. Full-length figure of John VI, on l., and of John V wearing stemma, div., c-p and panelled loros of simpl. type; between them cross on long shaft.

*LPC* 140.3; *PCPC* 288; Sear 2528; *DOC* V, Class II, - (see p. 184, 2): 1347 - 1353

850 21 mm / 1.47 g / 6 o'clock

**Obv.:** Χ

**Rev.:** ΩCNXΩ on l.

**Ref.:** *PCPC* 288.1 (*this coin*); Bendall 1988c, p. 311, no. 7 (*this coin*).

**Prov.:** Bendall colln., from Munich 1985





**Obv.:**  $\overline{\text{IC}} \overline{\text{XC}}$  in upper field. Christ, bearded and nimbate, seated upon throne without back; hand raised in benediction; Gospel in l. hand.  $\Theta \text{ B}$  in centre field;  $\times \text{HX}$  in lower l. and r. field.  
**Rev.:**  $\text{KIT} - \omega \text{I} - \Lambda \Lambda \Pi$ , or var. Full-length figure of John VI, on l., and of John V wearing stemma, div., c-p and panelled loros of simpl. type; between them anexikakia. Both hold in their free hand sc. cr.

*LPC* - ; *PCPC* - ; Sear - ; *DOC* V, Class VI, - (see pp. 184-5, 6): 1347 - 1353

851 21 mm / 1.14 g / 6 o'clock

**Obv.:**  $\text{IC} - \overline{\text{XC}}$

**Rev.:**  $\text{KIT} - \omega \text{I} - \Lambda \Lambda \Pi$

**Ref.:** Bendall 1997a, pp. 154-5, fig. 1 (*this coin*).

**Prov.:** Bendall colln.



#### Tornese, Billon

**Obv.:** Long cross with  $\Theta \text{ B}$  in quarters above and below.

**Rev.:** Uncertain legends to l. and r.,  $\Delta \text{EC} / \Pi \text{O} / \text{T}$  in centre. Three-quarter-length figures of two emperors wearing stemma, div., c-p and loros; between them labarum (?) above a deep crescent. Emp. on l. holds labarum-headed sc. (?)

*LPC* 144.8; *PCPC* (293); Sear 2533; *DOC* V, pl. 63, 1197: 1347 - 1353

852 19 mm / 0.56 g / 6 o'clock

**Rev.:**  $\text{K}$  on l.

**Prov.:** Bendall colln.



#### Adrianople or Didymoteicho

##### Basilicon, AR

**Obv.:**  $\text{M} / \text{T} \text{H} / \text{O} / \text{O}$ , to l.,  $\Lambda \text{H}$  to r., or var. Full-length figure of military saint (St. Demetrius), beardless and nimbate; r. hand spear; l. hand shield.

**Rev.:**  $\dots \text{IX} - \Pi \Lambda \text{O}$ , or var. Full-length figure of John VI, on l., and of John V wearing stemma, div., c-p and panelled loros of simpl. type; between them anexikakia. Both hold in their free hand labarum-headed sc.

*LPC* - ; *PCPC* - ; Sear - ; *DOC* V, Class VII, - (see p. 185, 7): 1347 - 1352

853 17 mm / 0.59 g / 12 o'clock

**Obv.:**  $\text{M} / \text{T} \text{H} / \text{O} / \text{O}$ , to l.,  $\Lambda \text{H}$  to r.

**Rev.:**  $\dots \text{IX} - \Pi \Lambda \text{O}$

**Ref.:** Bendall 1997a, pp. 154-5, fig. 2 (*this coin*).

**Prov.:** Bendall colln.



## **Phase IV (1354-1376): John V's Middle Years**

### **b) Politikon and Related Coins**

#### **Constantinople**

##### Politikon, Billon

**Obv.:**  $+\text{ΠΟΛΙΤΙΚΟΝ}$  in double border around the nimbate bust of Virgin orans between  $\text{M} \Theta$ .

**Rev.:**  $\text{A} / \text{N} / \Delta / \text{N}$  to l.,  $\Gamma / \text{O} / \text{A}$  in centre,  $\Delta / \text{M} / \text{H} / \text{N}$  to r. Three-quarter-length figure of Andronicus III on l., and of St. Demetrius, beardless and nimbate. Emp. wears stemma, div., c-p and loros; both hands towards the saint. St. Demetrius wears tunic and himation, and holds with l. hand cross on breast.

*LPC* 180.1; *PCPC* 355; Sear 2570; *DOC* V, Class II, pl. 49, 885 (under Andronicus III)

854 18 mm / 0.64 g / 6 o'clock

**Obv.:**  $+\text{ΠΟΛ} \dots \text{T} \dots \text{ΚΟΙ}$

**Rev.:**  $\text{K}$  to l.,  $\Gamma / \text{O} / \text{A}$  in centre

**Ref.:** *PCPC* 355.1 (*this coin*); Sear 2570 (*this coin*).

**Prov.:** Bendall colln.



855 18 mm / 0.59 g / 6 o'clock

**Obv.:**  $\text{ΠΟΛΙ} \dots \text{ΚΟΙ}$  Lily at the beginning of legend.

**Rev.:**  $\text{A} / \text{N} / \Delta$  to l.,  $\Delta$  in centre

**Ref.:** *PCPC* 355.3 (*this coin*).

**Prov.:** Bendall colln.



856 17 mm / 0.54 g / 6 o'clock

**Obv.:**  $+\text{ΠΟΛΙ} \dots \text{ΚΟΝ}$

**Rev.:**  $\text{ΑΙΛ}$  on l.,  $\text{O} / \text{A}$  in centre

**Ref.:** *PCPC* 355.2 (*this coin*).

**Prov.:** Bendall colln., from A. Malloy



**Obv.:**  $+\text{ΠΟΛΙΤΙΚΟΝ}$  in double border around cross.

**Rev.:** Three-quarter-length figure of St. Demetrius on l., and of emperor.

*LPC* - ; *PCPC* 367; Sear - ; *DOC* V, Class IV, - (see p. 194, table 25, 4)

857 16 mm / 0.29 g / 6 o'clock

**Obv.:**  $\dots \text{ΟΛΙΤΙ} \dots$

**Ref.:** *PCPC* 367.1 (*this coin*).

**Prov.:** Bendall colln.



**Obv.:** +ΠΟΛΙΤΙΚΟΝ in double border around Palaeologan monogram.  
**Rev.:** Δ/Η/Τ/Ρ to l., or var. Three-quarter-length figure of St. Demetrius, beardless and nimbate, on l., and of emperor wearing stemma, div., c-p and loros. Saint wears tunic and himation, and holds cross before chest.  
*LPC* 182.3; *PCPC* 358; Sear 2576; *DOC* V, Class V, - (see p. 194, table 25, 5)

858 19 mm / 0.92 g  
**Obv.:** ΚΟΙΙ on l.  
**Rev.:** Δ/Η/Τ/Ρ to l.  
**Prov.:** Bendall colln.



**Obv.:** +ΠΟΛΙΤΙΚΟΝ in double border around cross.  
**Rev.:** City walls with gabled centre and two side-towers, cross, and two pellets above, stem with trefoil attached to each side.  
*LPC* 184.7; *PCPC* 362; Sear 2578; *DOC* V, Anonymous, Class VII, pl. 63, 1209-14

859 17 mm / 0.61 g / 12 o'clock  
**Obv.:** +ΠΟΛΙ...ΚΟΙΙ  
**Ref.:** *PCPC* 362.1 (*this coin*); Sear 2578 (*this coin*).  
**Prov.:** Bendall colln.



860 17 mm / 0.72 g / 6 o'clock  
**Obv.:** ΟΛΙΤΙΚΟΙΙ  
**Ref.:** *PCPC* 362.2 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** +ΠΟΛΙΤΙΚΟΝ in double border around a cross with stars in upper quarters and Β Θ in lower quarters.  
**Rev.:** City walls with gabled centre and two side-towers, cross and two stars above.  
*LPC* 186.8; *PCPC* 363; Sear 2579; *DOC* V, Anonymous, Class VIII, - (see p. 195, table 25, 8)

861 15 mm / 0.30 g / 6 o'clock  
**Obv.:** ΠΟΛΙΤΙΚΟΙΙ  
**Ref.:** *PCPC* 363.1 (*this coin*).  
**Prov.:** Bendall colln., from Cahn auction 75, 30/5/1932, lot 1749



862 17 mm / 0.40 g  
**Prov.:** Bendall colln.



**Obv.:** +ΠΟΛΙΤΙΚΟΝ in double border around cross.  
**Rev.:** Two-headed eagle with spread wings.  
*LPC* 186.9; *PCPC* 364; Sear 2580; *DOC* V, Anonymous, Class IX, pl. 64, 1215-7

863 15 mm / 0.57 g / 6 o'clock  
**Obv.:** +ΠΟΛΙΤΙΚΟ  
**Ref.:** *PCPC* 364.1 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** +ΠΟΛΙΤΙΚΟΝ in three lines.  
**Rev.:** Three keys separated by lines of three pellets, with triangle of three pellets above and below.  
*LPC* 186.10; *PCPC* 365; Sear 2581; *DOC* V, Anonymous, Class X, pl. 64, 1218-21

864 19 mm / 0.65 g / 9 o'clock  
**Obv.:** ...ΛΙΤΙΚΟΝ  
**Ref.:** *PCPC* 365.1 (*this coin*); Sear 2581 (*this coin*).  
**Prov.:** Bendall colln.



**Obv.:** +ΠΟΛΙΤΙΚΟΝ in three lines.  
**Rev.:** Cross with four Β s, and four groups of pellets in quarters.  
*LPC* 186.11; *PCPC* 366; Sear 2582; *DOC* V, Anonymous, Class XI, - (see p. 195, table 25, 11)

865 13 mm / 0.38 g  
**Obv.:** Brockage of the reverse.  
**Ref.:** *PCPC* 366.1 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



#### Politikon, AE

**Obv.:** +ΠΟΛΙΤΙΚΟΝ in double border around cross.  
**Rev.:** ΙΩ/Σ/Δ/Σ/Π/ΤΙ to r., Ο/Π/Α/ΛΕ/ΟΛ to l. Full-length figure of emperor wearing stemma, div., c-p and jewel. loros of simpl. type; r. hand labarum-headed sc.; l. hand gl. cr.  
*LPC* 182.4; *PCPC* 359; Sear 2574; *DOC* V, Class XVI, pl. 64, 1224-5

866 21 mm / 2.25 g / 12 o'clock  
**Obv.:** +ΠΟΛΙΤΙΚΟΙΙ  
**Rev.:** ΙΩ/Δ/... to r., Ο/Π/Α/ΛΕ to l.  
**Ref.:** *PCPC* 359.1 (*this coin*); Sear 2574 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



Stamenon, AE

**Obv.:** Ο/Α/Γ/Ι/Ο/Σ to l., Γ/Ε/Β/Γ/Ι/Ο/Σ to r. Full-length figure of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield.

**Rev.:** ΙΩ/ΕΝ/ΧΩ/ΤΩ/ΘΕ to l., Δ/Ε/Σ/Π/Ο/Τ/Σ to r. Full-length figure of emperor wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand gl. cr.

*LPC* 150.1; *PCPC* 308; Sear 2513; *DOC* V, pl. 64, 1226-7: 1354 - 1367

867 22 mm / 2.10 g / 6 o'clock

**Obv.:** Γ/Β/Γ/Ι/Ο/Σ to r.

**Rev.:** ΙΩ/ΕΝ/ΧΩ/ΤΩ to l.

**Ref.:** *PCPC* 308.1 (*this coin*).

**Prov.:** Bendall colln., from Munich



**c) John V and Anna of Savoy (Thessalonica), 1352-1365**

Assarion, AE

**Obv.:** Three-quarter-length figure of John V wearing stemma, div., c-p and loros; r. hand anexikakia; l. hand labarum-headed sc. *Manus Dei* in upper l. field.

**Rev.:** Three-quarter-length figure of Anna wearing stemma, div., c-p and loros; r. hand model of city with towers; l. hand sc. Α in field l. and r.

*LPC* 250.5; *PCPC* 313; Sear 2521; *DOC* V, Class II, - (see p. 198, 2): 1352 - 1365

868 18 mm / 1.40 g / 12 o'clock

**Ref.:** *PCPC* 313.1 (*this coin*); Bendall – Nicol 1977, pl. IX, no. 9 (*this coin*).

**Prov.:** Bendall colln., from Pella hoard



**Obv.:** Full-length figure of bearded emperor wearing stemma, div., c-p and loros; r. hand trefoil-headed sc.; l. hand anexikakia. *Manus Dei* in upper r. field. Ε in l. field.

**Rev.:** Full-length figure of Anna wearing stemma, div., c-p and loros; r. hand model of city; l. hand trefoil-headed sc. Α in field l. and r.

*LPC* 250.6; *PCPC* (314); Sear 2522; *DOC* V, Class III, pl. 64, 1228: 1352 - 1365

869 20 mm / 1.66 g / 12 o'clock

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4243a, 26/4/1945



**e) The Earliest Stavrata and Related Issues, 1367-1376**

**Constantinople**

Stavraton, AR

**Obv.:** ΙC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in sling of cloak; l. hand Gospel.

**Rev.:** +ΙΩ ΔΕΣΠΟΤΙC Ο ΠΑΛΕΟΛΟΓΟC – +ΘV ΧΑΡΙΤΙ ΒΑΣΙΛΕC ΤΩΝ ΡΟΜΕΟΝ Bust of emperor, bearded and nimbate, wearing domed crown and collar with three tippets.

*LPC* 154.2; *PCPC* 306; Sear 2510; *DOC* V, Class II (legend starts outside), pl. 65, 1235-41: 1367 - 1376

Pellets in obv. field only

*PCPC* 306.1/2; *DOC* V, pl. 65, 1235-7

870 27 mm / 8.50 g / 6 o'clock

**Obv.:** ΙC – XC

**Rev.:** +...CΠΟΤΙCΟΠΑΛΕΟΛΟΓΟC – ΘVΧΑΡΙΤΙΒΑΣΙΛΑΤΟΡΩΜΕΩΝ

**Ref.:** *PCPC* 306.1 (*this coin*); Bendall 1988c, p. 311, no. 10 (*this coin*).

**Prov.:** Bendall colln., from Bement colln.



Stars both obv. and rev.

*PCPC* 306.3; *DOC* V, pl. 65, 1240-1

871 27 mm / 8.58 g / 12 o'clock

**Obv.:** ΙC – XC

**Rev.:** +ΙΩΔΕCΠΟ:ΤΙC·ΟΠΑ – ΘVΧΑΡΙΤΙΒΑΣΙΛΕΤΥΝ·ΡΥ·Μ·

**Ref.:** *PCPC* 306.3 (*this coin*).

**Prov.:** Bendall colln.



872 27 mm / 8.40 g / 6 o'clock

**Obv.:** ΙC – X

**Rev.:** +ΙΩ...ΔΛ...ΟΓΟC – ΘVΧΑΡΙΤΙΒΑΣΙΛΑΤΩΝΡ...ΟΝ

**Prov.:** Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944





One-eighth stavraton, AR

**Obv.:** IC XC in field. Bust of Christ, bearded and nimbate; r. hand in sling of cloak; l. hand Gospel.

**Rev.:** +IΩΔΕCΠOTHC OΠAΛEOΛOΓOC Bust of emperor, bearded, wearing domed crown and collar with three tippets.

**LPC** 154.3; **PCPC** 307; **Sear** 2512; **DOC V**, pl. 66, 1242-50: 1367 - 1376

O COTIP clockwise

**PCPC** 307.2; **DOC V**, Group I, pl. 66, 1242

**873** 16 mm / 1.02 g / 6 o'clock

**Obv.:** IC - XC OC...TIP

**Rev.:** ΔCCΠOIIIOΠAC...

**Ref.:** **PCPC** 307.2 (*this coin*).

**Prov.:** Bendall colln.



**874** 16 mm / 1.03 g / 6 o'clock

**Obv.:** IC - XC O COTIP

**Rev.:** IIIOΠOIIICOP...

**Prov.:** Bendall colln.



**875** 16 mm / 1.02 g / 6 o'clock

**Obv.:** IC - XC O...OTIP

**Rev.:** +IΩΔCCΠOIIICOPA...

**Prov.:** Bendall colln.



O COTIP counterclockwise

**PCPC** - ; **DOC V** - , Group II (see p. 202)

**876** 16 mm / 1.03 g / 6 o'clock

**Obv.:** IC - XC O COTIP

**Rev.:** +IΩΔCCΠ...COPAA...

**Prov.:** Bendall colln.



**877** 16 mm / 1.07 g / 12 o'clock

**Obv.:** IC - X O COIIP

**Rev.:** +IΩIIIIICOPAIII...

**Prov.:** Bendall colln.



Two pellets on obv., O COTIP counterclockwise

**DOC V**, Group III, pl. 66, 1243

**878** 16 mm / 1.01 g / 6 o'clock

**Obv.:** I - XC O COTIP

**Rev.:** ...ΔCCΠOTICOPAAEOAI...

**Prov.:** Bendall colln.



Two pellets on both fields, O COTIP counterclockwise

**DOC V**, Group IV, pl. 66, 1244-6

**879** 16 mm / 1.06 g / 12 o'clock

**Obv.:** IC - XC IP

**Rev.:** IΩCCIIOTIIIOΠAΛIO...C

**Prov.:** Bendall colln.



Two pellets on both fields

**PCPC** 307.6; **DOC V**, Group V, pl. 66, 1247-8a

**880** 16 mm / 1.08 g / 12 o'clock

**Obv.:** C - XC

**Rev.:** IΩAIIIOΠO... IIIOIIIO II

**Prov.:** Bendall colln.



Two stars on both fields

**PCPC** 307.4/5; **DOC V**, Group X, pl. 66, 1249-50

**881** 15 mm / 1.00 g / 6 o'clock

**Obv.:** IC - X

**Rev.:** IΩΔIIIOΠOT...OΠAA...Γ

**Prov.:** Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



**882** 16 mm / 1.03 g / 12 o'clock

**Obv.:** IC - XC

**Rev.:** IYNIITII...OAO...

**Prov.:** Bendall colln.



**883** 16 mm / 1.03 g / 6 o'clock

**Obv.:** IC - X

**Rev.:** IYAIIOΠOT...

**Prov.:** Bendall colln.



**884** 17 mm / 0.82 g / 12 o'clock

**Obv.:** IC - XC

**Rev.:** +VAIIOΠOT...

**Ref.:** **PCPC** 307.5 (*this coin*).

**Prov.:** Bendall colln., from G. Zacos colln.



**885** 15 mm / 1.06 g / 12 o'clock

**Obv.:** IC - X

**Rev.:** YAIIOΠOTIC-OΠAA

**Ref.:** **PCPC** 307.4 (*this coin*).

**Prov.:** Bendall colln.



886 13 mm / 0.66 g (worn) / 12 o'clock

**Obv.:** IC

**Prov.:** Bendall colln.



### Thessalonica

#### Stamenon (?), AE

**Obv.:** Three-quarter-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield. Long cross with three cross-arms on either side in field.

**Rev.:** Full-length figure of emperor wearing stemma, div., c-p and loros; r. hand haloed cro l. hand model of a city. *Manus Dei* in upper l. field. Large star in lower r. field.

*LPC* 238.8 (incorrect illustration); *PCPC* 317; Sear 2525; *DOC* V, Class I, - (see p. 203, 1) 1367 - 1376

887 17 mm / 0.93 g / 6 o'clock

**Ref.:** *PCPC* 317.1; Gerasimov 1969, p. 112, no. 37, p. 116, no. 2.

**Prov.:** Bendall colln.



#### Assarion, AE

**Obv.:** Full-length figure of emperor, bearded and nimbate, standing on l., wearing stemma, div., c-p and loros; r. hand sc. cr.; l. hand small cross towards elaborate construction on r.

**Rev.:** OA/.../T (or var.) above. Three soldiers on l. thrusting spears into the seated, nimba figure of St. Demetrius, who throws up his hands as he falls forward.

*LPC* 262.5; *PCPC* 320; Sear 2593; *DOC* V, Class IV, pl. 66, 1251-4: c. 1365 - 1376

888 20 mm / 2.64 g / 6 o'clock

**Rev.:** OA/T above

**Ref.:** Moutsianos – Polychronaki 2000, pp. 211-31.

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



889 19 mm / 1.87 g / 12 o'clock

**Rev.:** CYAC/C/T centre above

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley auction, lot 4242, 26/4/1945



## Phase V (1376-1379): Andronicus IV

### Constantinople

#### One-eighth stavraton, AR

**Obv.:** Christ, bearded and nimbate, seated upon throne with back.

**Rev.:** ΛΗΔ – ΟΘΕ (or var.) Three-quarter-length figure of emperor; r. hand sc. cr. *LPC* 152.2; *PCPC* 325; Sear 2545; *DOC* V, Class I, - (see pp. 208-9): 1376 - 1379

890 14 mm / 0.69 g / 4 o'clock

**Rev.:** ΛΗΔ – ΟΘΕ

**Prov.:** Bendall colln.



#### Tornese, AE

**Obv.:** +ΑΝΔΡΟΝΙΚΟΥΔΕΣΠΟΤΟΥ Legend in double border around Palaeologan monogram.

**Rev.:** Full-length figure of Andronicus IV and of St. Demetrius, both nimbate, riding r. Emp. holds cross over r. shoulder.

*LPC* 152.3; *PCPC* 324; Sear 2547; *DOC* V, pl. 66, 1258-60: 1376 - 1379

891 19 mm / 1.85 g / 6 o'clock

**Obv.:** ΟΗΙΚΟΥΤΟΥ

**Ref.:** *PCPC* 324.2 (*this coin*); Bendall 1988b, pp. 246-7.

**Prov.:** Bendall colln., from Goodman Geneva, from Russian colln. (c. 1900-16)



### Thessalonica

#### Stamenon, AE

**Obv.:** Γ/OA to l., Δ/M/T to r., or var. Full-length figure of St. Demetrius, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear; l. hand shield. Stars in field.

**Rev.:** Full-length figure of a saint (?) on l., bearded and nimbate, raising r. hand in salutation toward the emperor, bearded and nimbate, who holds in l. hand model of city. Stars in field.

*LPC* 256.1; *PCPC* 319; Sear 2592; *DOC* V, Class III, - (see pp. 209-10)

892 20 mm / 1.25 g / 12 o'clock

**Obv.:** Γ/A to l., Μ/TP to r.

**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945, Olynthos



- 893 21 mm / 2.19 g / 1 o'clock  
**Obv.:** Γ/ΘΑ to l., Δ/Μ/Τ to r.  
**Prov.:** Old Ashmolean colln., from Evans bequest fund, ex Lord Grantley 11th auction, lot 4242, 26/4/1945



## Phase VI (1379-1391): John V's Last Years Constantinople

### Stavraton, AR

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in sling of cloak; l. hand Gospel.  
**Rev.:** ΗΩ ΔΕΣΠΟΤΙΣ Ο ΠΑΛΕΟΛΟΓΟΣ – ΘΥ ΧΑΡΙΤΙ ΒΑΣΙΛΕΥΣ ΤΩΝ ΡΩΜΕΩΝ, but (ΚΑΙ or ΚΕ) ΑΥΤΟΚΡΑΤΟΡ was subsequently added. Bust of emperor, bearded and nimbate, wearing domed crown and three-lobed tippet, in a double circle of legend starting outside.  
*LPC 154.2; PCPC 327; Sear 2510 var.; DOC V, pls. 67-9, 1261-97: 1379 - 1391*

**With Κ and Φ**  
 no *autokrator*

- 894 26 mm / 8.08 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΑΣΠΠΤΙΣΟΠΑΛΛ – ΘΥΧΑΡΙΤΟΟΒΑΣΙΤΟΚΡΑΤΟ  
**Ref.:** *DOC V*, pl. 67, 1261-4; *PCPC 327.3* (*this coin*).  
**Prov.:** Bendall colln.



**With two lilies**

*ke autokrator normally after Paleologos*

- 895 26 mm / 8.09 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΤΟΚΡΑΤΟΡΘΥΧΑΡΙΒΑΣΙΛΕΥ  
**Ref.:** *DOC V*, pl. 68, 1278-88; *PCPC 327.2*.  
**Prov.:** Bendall colln.



- 896 26 mm / 8.25 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΙΩΑ – ΤΟΚΡΑΤΟΡΘΥΧΑΡΙΤΙΒΑΣΙΛΕΥ  
**Ref.:** *DOC V*, pl. 68, 1278-88; *PCPC 327.2* (*this coin*).  
**Prov.:** Bendall colln., from Mellon colln.



- ke autokrator nominally at end of legend*  
 897 27 mm / 8.61 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΙΩΑΝ...ΓΟΣ – ΘΥΧΑΡΙΤΙΒΑΣΙΛ... ΤΩΝ ΡΩΜΕΩΝ  
**Ref.:** *DOC V*, pl. 68, 1278-88; *PCPC 327.1* (*this coin*).  
**Prov.:** Bendall colln., from Bank Leu 1975, from Mellon colln.



€Φ or €ΦC with *autokrator*

With € Φ only

- 898 26 mm / 7.99 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΟΤΙΣΟΠ...ΤΟΚΡΑΤ – ... ΒΑΣΙΛΕΥΣ ΤΩΝ ΡΩΜΕΩΝ  
**Ref.:** *DOC V*, pl. 69, 1291-4; *PCPC 327.4*.  
**Prov.:** Bendall colln.



- 899 26 mm / 8.25 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΧΑΡΙΤΙΒΑΣΙΛΕΥΣ ΤΩΝ ΡΩΜΕΩΝ  
**Ref.:** *DOC V*, pl. 69, 1291-4; *PCPC 327.4* (*this coin*).  
**Prov.:** Bendall colln., ex Ratto auction, lot 2266



With €ΦC

- 900 27 mm / 7.75 g / 6 o'clock  
**Obv.:** C – X  
**Rev.:** ΡΟΟΠΑΛΕΟΛΟΓΟΣ  
**Ref.:** *DOC V*, pl. 69, 1295-7; *PCPC 327.5* (*this coin*).  
**Prov.:** Bendall colln.



### Half-stavraton, AR

**Obv.:** Θ/Δ/Η/Τ to r. Full-length figure of St. Demetrius, beardless and nimbate, brandishing sword, galloping r.  
**Rev.:** +ΙΩΔΕΣΠΟΤΗΣΟΠΑΛΕΟ... Bust of emperor, bearded and nimbate, wearing domed crown and three-lobed tippet; l. hand sc. cr. Pellet in l. field.  
*LPC 168.1; PCPC 328; Sear 2511; DOC V, Class I, pl. 69, 1298-300: 1379 - 1391*

- 901 20 mm / 3.59 g (pierced) / 6 o'clock  
**Obv.:** Θ/Δ/Η/Τ to r.  
**Rev.:** +ΙΩΔΕΣΠΟΤΗΣΟΠΑΛΕΟ...  
**Prov.:** Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944





Tornese, AE

**Obv.:** Three-quarter-length figure of St. Constantine on l., and of St. Helena, both nimbate; between them a so-called Slavic cross.

**Rev.:** +ΙΩΑΝΝΙΝΕΝΧΩΤΩ... Bust of emperor, bearded and nimbate, wearing domed crown and three-lobed tippet; l. hand sc. cr. over l. shoulder.

*LPC* 170.2 (as John VII); *PCPC* 330; Sear 2514; *DOC* V, pl. 69, 1302-4

**902** 18 mm / 1.78 g / 12 o'clock

**Prov.:** Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



## Manuel II (1391-1425)

### Constantinople

Stavraton, AR

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

**Rev.:** +ΜΑΝΟΥΗΛΕΝΧΑΥΤΟΚΡΑΤΟΡ – ΟΠΑΛΕΟΛΟΓΟΣΘΥΧΑΡΙΤΙ (or var.) Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

*LPC* 160.1; *PCPC* 332; Sear 2548; *DOC* V, Class I - Heavy Coinage, pl. 70, 1305-10: 1391 1394/5

Siglon: Bendall-3; *DOC*-a

*PCPC* 332.1; *DOC* V, pl. 70, 1305

**903** 25 mm / 8.20 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** ΙΟΝΗΛΕΙΧ... –

ΤΟΚΡΑΤΟΡΟΠΑΛΕΟΛ (both retrograde)

**Ref.:** *PCPC* 332.1 (this coin).

**Prov.:** Bendall colln.



Siglon: B ∴ in obv. field

*PCPC* - ; *DOC* V -

**904** 26 mm / 7.89 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** ...ΝΟ...ΑΥΤΟΚΡΑΤΟ –

ΟΠΑΛΕΟΛΟΓΟΣΘΥΧΑΡΙΤ (same rev. die as *DOC* V, 1306)

**Prov.:** Bendall colln.



**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

**Rev.:** +ΜΑΝΟΥΗΛΕΣΠΟΤΗΣΟΠΑΛΕΟΛΟΓΟΣ –

+ΘΥΧΑΡΙΤΙΒ ΑΣΙΛΕΥΤΟΝΡΟΜΕΟΝ Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

*LPC* 160.1; *PCPC* 332; Sear 2549; *DOC* V, Class II - Light Coinage, pl. 73, 1396-411: 1403 - 1425

Siglon: Bendall-7, *DOC*-d

*PCPC* 332.4; *DOC* V, pl. 73, 1398-400

**905** 25 mm / 6.90 g / 6 o'clock

**Obv.:** C – XC

**Rev.:** ΥΗΛΔΕΣΠΟΤ –

+ΘΥΧΑΡΙΤΗΒ ΑΣΙΛΕΥΤΩΝΡΟΜΑΙ

**Ref.:** *PCPC* 332.4 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



**906** 24 mm / 6.74 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** ...ΛΕ...ΟΤΗΣ...ΛΕΟΛ –

+ΘΥΧΑΡΙΤΗΒ ΑΣΙΛΕΥΤΩΝΡΩΙ

**Prov.:** Bendall colln.



Siglon: Bendall-12, *DOC*-e

*PCPC* 332.8; *DOC* V, pl. 73, 1401-2

**907** 24 mm / 7.01 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** +ΜΑΙ...ΛΟΓΟΣΘΥ –

+ΧΑΡΙΤΗΒ ΑΣΙΛΕ...ΡΥΜ

**Ref.:** *PCPC* 332.8 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-13, *DOC*-f

*PCPC* 332.9; *DOC* V, pl. 73, 1403-5

**908** 25 mm / 6.95 g / 12 o'clock

**Obv.:** IC – XC

**Rev.:** +ΜΑΝΟΥΗΛΕΣΤΠΟΤΗΣ –

+ ΧΑΡΙΤΗΒ ΑΣΙΛΕΥΤΟΝΡΟΜΕΟΙ

**Ref.:** *PCPC* 332.9 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



- 909 26 mm / 7.02 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΗΛΑΕΣΠΟΤΗΣ·ΟΠΑΛ... –  
 + ΧΑΡΗΤΗΒ ΑΣΙΛΕΥΤΟΝΡΟΜ  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: Bendall-10, *DOC-g*  
*PCPC* 332.6-7; *DOC V*, pl. 73, 1406  
 910 26 mm / 7.01 g / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** +ΜΑΝΟΝΗΛΔΕΣΠΟΤΗΣΟΠΑΛΕΟ...  
 ΟΣΘΥΧΑ – ΡΙΤΗΛΛ...ΛΕΥΤΟΝΡΟΜΑΙΩΝ..  
**Ref.:** *PCPC* 332.6 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



- 911 25 mm / 7.07 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΜΑΝ...ΕΟΛΟΓ – +ΘΥ...ΤΗΒ ...  
 ΕΥΤΟΝΡΟΜ·  
**Ref.:** *PCPC* 332.7 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: Bendall-11, *DOC-j*  
*PCPC* - ; Sear 2549; *DOC V*, pl. 73, 1411  
 912 25 mm / 6.54 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΧΑΡ...ΗΒ ΑΣΙΛΕ...ΤΟΝΡΟΗΕΟ  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: Bendall-6, *DOC-m*  
*PCPC* 332.3; *DOC V* -  
 913 25 mm / 7.21 g / 1 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΟΝΗΛΔ...ΟΓΟΣ –  
 ΘΥΧΑΡΙΤΙΒ ΑΣΙΛ...ΡΟΗΕ:  
**Ref.:** *PCPC* 332.3 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: Bendall-5, *DOC-n*  
*PCPC* 332.2; *DOC V* -  
 914 26 mm / 7.54 g / 5 o'clock  
**Obv.:** IC – XC  
**Rev.:** ...ΛΔΕΣΠΟ...ΛΕΟΛ –  
 ΥΧΑΡΙΤΗΒ ΑΣΙΛΕΥΤΩΝΡΟΗ...  
**Ref.:** *PCPC* 332.2 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: Bendall-8, *DOC-o*  
*PCPC* 332.5; *DOC V* -  
 915 26 mm / 7.02 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΙΟΝΗΛ...ΤΗΣΟΠΑΛΑΙ –  
 +ΧΑΡΗΤΗΒ ΑΣΙΛΕΥΣΤΟΙΡ...  
**Ref.:** *PCPC* 332.5 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: B·B in obv. field  
*PCPC* - ; *DOC V* -  
 916 25 mm / 7.30 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΟΝΗΛ...ΗΣΟΠΑΛ... –  
 ΘΥΧΑΡΙΤΗΒ ΑΣΙΛΕΥΤΩΝΡΟΗΕΩ  
**Prov.:** Bendall colln., from Gorlu hoard



#### Constantinople (Imperial mint)

##### Half-stavraton, AR

##### Basileus Series

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.  
**Rev.:** +ΜΑΝΟΝΗΛ ΒΑΣΙΛΕΥΣ Ο ΠΑΛΕΟΛΟΓΟΣ Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.  
*LPC* 160.2; *PCPC* 334; Sear 2551; *DOC V*, pls. 74-6, 1412-67: 1403 - 1425

- Siglon: Bendall-15  
*PCPC* 334.1; *DOC V* -  
 917 21 mm / 3.70 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΔΗΛΒ ΑΣΙΛΕΥΣΟΠΑΛΕΟΛΟΓ  
**Ref.:** *PCPC* 334.1 (*this coin*).  
**Prov.:** Bendall colln.



- 918 20 mm / 3.23 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΔΗΛΒ ΑΣΙΛΕΥΣΟΠΑΛΕΟΛΟΓΟΣ  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: Bendall-16  
*PCPC* 334.2; *DOC V* -  
 919 21 mm / 3.74 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΔΗΛΒ ΑΣΙΛΕΥΣΟΠΑΛΕΟΛΟΓΟ  
**Prov.:** Bendall colln.



920 20 mm / 3.15 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΜΑΝΘΗΛΒ ΑCΙΑΕΝCΟΠ...  
**Ref.:** PCPC 334.3 (*this coin. Recte siglon 16*).  
**Prov.:** Bendall colln.



921 21 mm / 3.74 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΘΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟ...  
**Ref.:** PCPC 334.2 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-18  
 PCPC 334.4; DOC V -

922 21 mm / 3.74 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ...ΙΛΕΝCΟΠΑΛΕΟΛΟΓΟ...  
**Ref.:** PCPC 334.4 (*this coin*); Bendall 1979c, p. 441, no. 8 (*this coin*).  
**Prov.:** Bendall colln., from Bendall/1979 hoard



Siglon: Bendall-19  
 PCPC - ; DOC V -

923 20 mm / 3.48 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΜΑ...ΛΒ ΑCΙΑΕΝ...  
**Ref.:** PCPC 334.14 (*this coin. Recte siglon 19*).  
**Prov.:** Bendall colln.



Siglon: Bendall-20, DOC-Var. (c)  
 PCPC 334.5; DOC V, pl. 74, 1414-8

924 20 mm / 3.50 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟ...  
**Ref.:** PCPC 334.5 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-21, DOC-Var. (d)  
 PCPC 334.6; Sear 2551; DOC V, pl. 74, 1419-24

925 19 mm / 3.80 g / 11 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑ...ΗΛΒ ...VCΟΠΑΛ...ΟΛΟ  
**Prov.:** Bendall colln.



926 21 mm / 3.77 g / 11 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΟΝΗΛΒ ΑCΙΑC...OC  
**Ref.:** PCPC 334.6 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-22, DOC-Var. (f)  
 PCPC 334.7; DOC V, pl. 74, 1425

927 21 mm / 3.78 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΜΑΝΟΝΗΛΒ Α...VCΟΠΑΛΕΟΛ  
**Ref.:** PCPC 334.7 (*this coin*).  
**Prov.:** Bendall colln., from 'Hoard I'



Siglon: Bendall-23, DOC-Var. (g)  
 PCPC 334.8; DOC V, pl. 74, 1426

928 21 mm / 3.65 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΟΛ  
**Ref.:** PCPC 334.8 (*this coin*); Bendall 1979c, p. 441, no. 2 (*this coin*).  
**Prov.:** Bendall colln., from Bendall/1979 hoard



Siglon: Bendall-24, DOC-Var. (h)  
 PCPC 334.9; DOC V, pl. 74, 1427-32

929 20 mm / 3.80 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΜΑΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟΛΟΓΟC  
**Ref.:** PCPC 334.9 (*this coin*).  
**Prov.:** Bendall colln., from 'Hoard I'



Siglon: Bendall-25, DOC-Var. (i)  
 PCPC 334.10; DOC V, pl. 74, 1433-4

930 19 mm / 3.27 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +ΜΑΝΟΝΗΛΒ ΑCΙΑΕΝCΟΠΑΛΙΑ  
**Ref.:** PCPC 334.10 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-25 var., DOC-Var. (j) (On rev., pellets in nimbus, not field.)  
 PCPC 334.10 var.; DOC V, pl. 74, 1435

931 20 mm / 3.65 g / 7 o'clock  
**Obv.:** IC – X  
**Rev.:** +ΜΑ...ΗΛΒ ΑCΙΑΕΝCΟΠΑΛΕΟΛΟ  
**Prov.:** Old Ashmolean colln., from Evans bequest 1941





- Siglon: Bendall-26, *DOC*-Var. (l)  
*PCPC* 334.11; *DOC* V, pl. 75, 1436
- 932 21 mm / 3.85 g / 5 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗΛΒΑΣΙΛ...ΠΑΛΕΟΛΟΓΟ  
**Prov.:** Bendall colln.
- 933 19 mm / 3.38 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠΑ...ΟΛΟΓΟ  
**Ref.:** *PCPC* 334.11 (*this coin*).  
**Prov.:** Bendall colln.
- Siglon: Bendall-27  
*PCPC* 334.12; *DOC* V -
- 934 20 mm / 3.72 g / 7 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗΛΒΑΣ...  
**Ref.:** *PCPC* 334.12 (*this coin*).  
**Prov.:** Bendall colln.
- Siglon: Bendall-28  
*PCPC* 334.13; *DOC* V -
- 935 20 mm / 3.80 g / 7 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{X}}$   
**Rev.:** ΜΑΝΟΝΗΛΒΑΣΙΛΕΣΟ  
**Ref.:** *PCPC* 334.13 (*this coin*).  
**Prov.:** Bendall colln., from 'Hoard I'
- Siglon: Bendall-33, *DOC*-Var. (o)  
*PCPC* 334.16; *DOC* V, pl. 75, 1440-2
- 936 20 mm / 3.25 g / 11 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠΑΛΕΟΛΟΓ  
**Ref.:** *PCPC* 334.16 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard
- 937 20 mm / 3.44 g / 12 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΒΒΑΣΙΛΕΝΣΟΠΑΛΣΟΛΟΓ  
**Prov.:** Bendall colln., from Gorlu hoard



- 938 20 mm / 3.79 g / 12 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠ  
**Prov.:** Bendall colln.
- 939 20 mm / 3.78 g / 12 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗΛ...ΟΠΑΛΕΟΛΓ  
**Prov.:** Bendall colln.
- Siglon: Bendall-34  
*PCPC* 334.17; *DOC* V -
- 940 20 mm / 3.71 g / 12 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +Μ...ΝΗΛΒΑΣΙΛΕΝΟΠΑΛΕΟΛΟΓ  
**Ref.:** *PCPC* 334.17 (*this coin*); Bendall 1979c, p. 441, no. 3 (*this coin*).  
**Prov.:** Bendall colln., from Bendall/1979 hoard
- Siglon: Bendall-35  
*PCPC* - ; *DOC* V -
- 941 21 mm / 3.47 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗΛΒΑΣΙΛΕΝΣΟΠΑΛ...  
**Ref.:** *PCPC* 334.18 (*this coin*. Recte siglon 35).  
**Prov.:** Bendall colln.
- Siglon: Bendall-37, *DOC*-Var. (p)  
*PCPC* 334.19; *DOC* V, pl. 75, 1443-5
- 942 20 mm / 3.73 g / 7 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** ...ΑΣΙΛΕΝΣΟΠΑ...ΛΓ  
**Ref.:** *PCPC* 334.19 (*this coin*).  
**Prov.:** Bendall colln., from 'Hoard I'
- Siglon: Bendall-38, *DOC*-Var. (q)  
*PCPC* 334.20; *DOC* V, pl. 75, 1446-7
- 943 20 mm / 3.71 g / 7 o'clock  
**Obv.:**  $\overline{\text{IC}} - \overline{\text{XC}}$   
**Rev.:** +ΜΑΝΟΝΗ...ΝΣΟΠΑΛΕΟΛ  
**Ref.:** *PCPC* 334.20 (*this coin*).  
**Prov.:** Bendall colln., from 'Hoard I'



- Siglon: Bendall-39  
PCPC - ; DOC V -  
**944** 20 mm / 3.70 g / 7 o'clock  
**Obv.:** IC – XC  
**Rev.:** +MANOVHAB ACILEVCOΠAΛEOΛΓ  
**Prov.:** Bendall colln., from Gorlu hoard



- Siglon: Bendall-46, DOC-Var. (t)  
PCPC 334.21; DOC V, pl. 75, 1450  
**945** 20 mm / 3.72 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** +MANOVHAB ...VCOΠAΛEOΛ  
**Ref.:** PCPC 334.21 (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: Bendall-47  
PCPC 334.22; DOC V -  
**946** 20 mm / 3.71 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** +MANOVHAB ACIAE...AΛEOΛ  
**Prov.:** Bendall colln.



- 947** 19 mm / 1.95 g / 5 o'clock  
**Obv.:** IC – XC  
**Rev.:** NOVHAB ACILEVCOΠ  
**Ref.:** PCPC 334.22 (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: Bendall-48, DOC-Var. (u)  
PCPC 334.23; DOC V, pl. 75, 1451  
**948** 20 mm / 3.84 g / 5 o'clock  
**Obv.:** C – XC  
**Rev.:** +MANOVHAB ACIA...ΠAΛE...  
**Ref.:** PCPC 334.23 (*this coin*).  
**Prov.:** Bendall colln., from 'Hoard I'



- Siglon: Bendall-49, DOC-Var. (v)  
PCPC 334.24; DOC V, pl. 75, 1452  
**949** 19 mm / 3.77 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** HAB ACILEVCOΠAΛE  
**Ref.:** PCPC 334.24 (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: Bendall-50  
LPC 160.2; PCPC 334.25; DOC V -  
**950** 20 mm / 3.72 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +MANOVHAB ACILEVCOΠAΛEOΛOΓ  
OC  
**Ref.:** PCPC 334.25 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



- 951** 20 mm / 3.77 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ...OVHAB ACILEVCOΠAΛEOΛOΓO  
**Prov.:** Bendall colln.



- Siglon: Bendall-51, DOC-Var. (w)  
PCPC 334.26; DOC V, pl. 75, 1453-8  
**952** 19 mm / 3.71 g / 5 o'clock  
**Obv.:** IC – XC  
**Rev.:** +B ACIAE...MANOVHΛ...O  
**Prov.:** Bendall colln.



- 953** 19 mm / 3.81 g / 11 o'clock  
**Obv.:** IC – X  
**Rev.:** EVCOΠAΛEOΛOΓ  
**Prov.:** Bendall colln.



- 954** 20 mm / 3.71 g / 5 o'clock  
**Obv.:** IC – XC  
**Rev.:** +MANOVHAB ACILEVCOΠAΛEOΛOΓ  
**Ref.:** PCPC 334.26 (*this coin*).  
**Prov.:** Bendall colln.



- 955** 19 mm / 3.89 g / 11 o'clock  
**Obv.:** IC – X  
**Rev.:** ...ECMANO...ΛOΠAΛE...  
**Prov.:** Bendall colln., from Gorlu hoard



- 956** 19 mm / 3.79 g / 7 o'clock  
**Obv.:** IC – X  
**Rev.:** HAB ACILEVCOΠAΛEOΛO  
**Prov.:** Bendall colln.



957 19 mm / 3.81 g / 12 o'clock  
**Obv.:** IC – X  
**Rev.:** +MANXHLB ACILEVCOΠAΛEOLOGO  
**Prov.:** Bendall colln.



958 20 mm / 3.43 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +B ACILEVCMANOVHΛOΠAΛEO  
**Prov.:** Bendall colln.



959 20 mm / 3.82 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** ...ΛB ACILEVCOΠ  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-52, *DOC*-Var. (x)  
*PCPC* 334.33; *DOC* V, pl. 76, 1459-62

960 21 mm / 3.13 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** +M...VHΛB ACILEVCOΠΔEO  
**Ref.:** *PCPC* 334.33 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-55, *DOC*-Var. (z)  
*PCPC* 334.27; *DOC* V, pl. 76, 1464

961 20 mm / 3.39 g / 5 o'clock  
**Obv.:** IC – XC  
**Rev.:** HΛB ACILEVCOΠAΛEO  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-56  
*PCPC* 334.28; *DOC* V -

962 19 mm / 3.36 g / 1 o'clock  
**Obv.:** IC – XC  
**Rev.:** +HANOVHΛB ACILEVC...  
**Ref.:** *PCPC* 334.28 (*this coin*).  
**Prov.:** Bendall colln.



963 19 mm / 3.52 g / 6 o'clock  
**Obv.:** IC – XC  
**Rev.:** MA...HΛB AC  
**Prov.:** Bendall colln.



964 19 mm / 3.81 g / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** HA...HΛB ACIA...VCOΠAΛEO  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-57, *DOC*-Var. (aa)  
*PCPC* 334.29; *DOC* V, pl. 76, 1465

965 21 mm / 2.95 g / 7 o'clock  
**Obv.:** C – X  
**Rev.:** MAIONHΛB ACILEVOΠAΛ  
**Ref.:** *PCPC* 334.29 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-58  
*PCPC* 334.30; *DOC* V -

966 20 mm / 3.38 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** IOVHΛB ACILEVOΠA  
**Ref.:** *PCPC* 334.30 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-59  
*PCPC* 334.31; *DOC* V -

967 20 mm / 3.58 g / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** HΛB ACILEVCOΠAΛEOΛ  
**Ref.:** *PCPC* 334.31 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-60  
*PCPC* 334.32; *DOC* V -

968 20 mm / 3.01 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** +MAIONHΛB ΔC...EOΛΓ  
**Ref.:** *PCPC* 334.32 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard





# Constantinople (Public mint)

Half-stavraton, AR

Pistos Series

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

**Rev.:** +MANOVHA EN XPICTO TW ΘΩ ΠICTOC (or var.) Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

LPC 160.2; PCPC 343; Sear 2552; DOC V, pls. 76-8, 1468-522: 1403 - 1425

Siglon: Bendall-68, DOC-Var. (a)

PCPC 343.1-2; DOC V, pl. 76, 1468-71

969 20 mm / 3.51 g / 7 o'clock

**Obv.:** IC - X

**Rev.:** +M...HAXOTOΘEOTICTOCBA

**Ref.:** PCPC 343.2 (this coin).

**Prov.:** Bendall colln.



970 19 mm / 3.53 g / 1 o'clock

**Obv.:** IC - XC

**Rev.:** +HA...XPICTOTOΘEOPICT

**Ref.:** PCPC 343.1 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



971 21 mm / 3.55 g / 7 o'clock

**Obv.:** IC

**Rev.:** +M...OTOΘΩΠI

**Prov.:** Bendall colln.



Siglon: Bendall-69, DOC-Var. (b)

PCPC 343.3; DOC V, pl. 76, 1472-9

972 20 mm / 3.56 g / 6 o'clock

**Obv.:** IC - XC

**Rev.:** +M...HAXOTOΘ...ICTOCBA

**Ref.:** PCPC 343.3 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-70

PCPC 343.4; DOC V -

973 19 mm / 3.65 g / 8 o'clock

**Obv.:** IC - XC

**Rev.:** ...AXPHCTOTOΘΩ...

**Ref.:** PCPC 343.4 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-71, DOC-Var. (c)

PCPC 343.5-6; DOC V, pls. 76-7, 1480-4

974 20 mm / 3.18 g / 5 o'clock

**Obv.:** IC - XC

**Rev.:** ...XPICTOTOΘEOΠ

**Ref.:** PCPC 343.6 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



975 20 mm / 3.52 g / 7 o'clock

**Obv.:** IC - XC

**Rev.:** +MAVOHA...OΘEOPTHCTOCBA

**Ref.:** PCPC 343.5 (this coin).

**Prov.:** Bendall colln.



976 19 mm / 3.17 g / 7 o'clock

**Obv.:** IC - XC

**Rev.:** +MAVOHA...OΘEOPTHCTOCBA

**Prov.:** Old Ashmolean colln., from D.R.

Walker colln., Sisan, Jan. 1983



Siglon: Bendall-72

PCPC 343.7; DOC V -

977 20 mm / 3.48 g / 10 o'clock

**Obv.:** IC - XC

**Rev.:** HAXPHCTWTOΘ...

**Ref.:** PCPC 343.7 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-73

PCPC 343.8; DOC V -

978 19 mm / 3.54 g / 3 o'clock

**Obv.:** IC - XC

**Rev.:** AN...HCTOTOΘ

**Ref.:** PCPC 343.8 (this coin).

**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-76

PCPC 343.10; DOC V -

979 19 mm / 3.54 g / 7 o'clock

**Obv.:** IC - XC

**Rev.:** MAIONH...PH...

**Ref.:** PCPC 343.10 (this coin).

**Prov.:** Bendall colln.



Siglon: Bendall-77, *DOC*-Var. (e)  
*PCPC* 343.11; *DOC* V, pl. 77, 1487-9

- 980 19 mm / 3.69 g / 8 o'clock  
**Obv.:** IC  
**Rev.:** OHΛXΩ  
**Ref.:** *PCPC* 343.11 (*this coin*).  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-79  
*PCPC* 343.12; *DOC* V -

- 981 19 mm / 3.22 g / 7 o'clock  
**Obv.:** IC - XC  
**Rev.:** +HΛNΘH...ΩΠITO  
**Prov.:** Bendall colln., from Gorlu hoard



- 982 18 mm / 3.72 g / 12 o'clock  
**Obv.:** IC - XC  
**Rev.:** +HΛNΘHΛENΩ...  
**Ref.:** *PCPC* 343.12 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-82, *DOC*-Var. (i)  
*PCPC* 343.15; *DOC* V, pl. 78, 1507-13

- 983 19 mm / 3.36 g / 3 o'clock  
**Obv.:** IC - XC  
**Rev.:** +MANOHΛENXPHCTOTOΘΩΠH  
**Ref.:** *PCPC* 343.15 (*this coin*).  
**Prov.:** Bendall colln.



- 984 20 mm / 3.50 g / 2 o'clock  
**Obv.:** IC - XC  
**Rev.:** +MANO...OTOΘΩΠH  
**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-84, *DOC*-Var. (k)  
*PCPC* 343.16-17; *DOC* V, pl. 78, 1515-6

- 985 21 mm / 3.23 g / 11 o'clock  
**Obv.:** IC - XC  
**Rev.:** +MANOHΛENXPICTOTΩΘΩΠICTO  
**Ref.:** *PCPC* 343.17 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-86, *DOC*-Var. (m)  
*PCPC* 343.18; *DOC* V, pl. 78, 1519-21

- 986 20 mm / 3.48 g / 7 o'clock  
**Obv.:** IC - XC  
**Rev.:** ...NOHΛENXOOTΘOOPICTO  
**Ref.:** *PCPC* 343.18 (*this coin*).  
**Prov.:** Bendall colln.



- 987 19 mm / 3.24 g / 8 o'clock  
**Obv.:** IC - XC  
**Rev.:** ...ENXOOTΩOOP...  
**Prov.:** Old Ashmolean colln., from Baldwin,  
 ex Lord Grantley auction 6/10/1944



## Constantinople

### One-eighth stavraton, AR

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.  
**Rev.:** MAN downward to r., OVHA downward to l. Bust of emperor, bearded, not nimbate, wearing crown (with pendilia) and scalloped tippet.  
*LPC* 162.4-5; *PCPC* 335; Sear 2553; *DOC* V, Class II, pls. 78-80, 1526-97: 1403 - 1425

Siglon: Bendall-61, *DOC*-Var. (b)  
*PCPC* 335.2-3; *DOC* V, pl. 78, 1533-5

- 988 15 mm / 0.81 g (clipped) / 6 o'clock  
**Obv.:** IC - XC  
**Rev.:** M on r., H on l.  
**Ref.:** *PCPC* 335.3 (*this coin*).  
**Prov.:** Bendall colln.



- 989 14 mm / 0.81 g (clipped) / 11 o'clock  
**Obv.:** C - XC  
**Rev.:** AN on l., OV on r.  
**Ref.:** *PCPC* 335.2 (*this coin*).  
**Prov.:** Bendall colln.



- 990 14 mm / 0.73 g (clipped) / 7 o'clock  
**Obv.:** C - XC  
**Rev.:** MAN on r.  
**Ref.:** *DOC* V, pl. 78, 1533-5; *LPC* 162.5;  
*PCPC* 335.2-3; Sear 2553.  
**Prov.:** Bendall colln.



- Siglon: Bendall-61?, *DOC*-Var. (b)?  
**991** 15 mm / 0.66 g / 12 o'clock  
**Obv.:** C – X  
**Rev.:** uncertain letters  
**Prov.:** Bendall colln.
- Siglon: Bendall-62, *DOC*-Var. (d)  
*PCPC* 335.1; *DOC* V, pls. 78-9, 1537-42  
**992** 14 mm / 0.71 g (clipped) / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   
**Rev.:** MAN on r., OV... on l.  
**Ref.:** *PCPC* 335.1 (*this coin*).  
**Prov.:** Bendall colln.
- Siglon: Bendall-63, *DOC*-Var. (e)  
*PCPC* 335.4-5; *DOC* V, pls. 79-80, 1543-88  
**993** 14 mm / 0.61 g (clipped) / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** MAN on l.  
**Ref.:** *PCPC* 335.5 (*this coin*).  
**Prov.:** Bendall colln.
- 994** 15 mm / 0.92 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   
**Rev.:** M on r., H on l.  
**Ref.:** *PCPC* 335.4 (*this coin*).  
**Prov.:** Bendall colln.
- 995** 14 mm / 0.53 g (clipped) / 5 o'clock  
**Obv.:**  $\overline{\text{C}}$  –  $\overline{\text{X}}$   
**Rev.:** uncertain letters on l.  
**Prov.:** Bendall colln.
- 996** 14 mm / 0.59 g (clipped) / 12 o'clock  
**Obv.:** C –  $\overline{\text{XC}}$   
**Ref.:** *DOC* V, pls. 78-9, 1537-42 or pls. 79-80, 1543-88; *PCPC* 335.1 or 335.4/5.  
**Prov.:** Bendall colln.
- 997** 14 mm / 0.58 g (clipped) / 6 o'clock  
**Obv.:**  $\overline{\text{XC}}$   
**Rev.:** OVH on l.  
**Prov.:** Bendall colln.



- 998** 14 mm / 0.65 g (clipped) / 12 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** M on r., OV on l.  
**Prov.:** Bendall colln.



- 999** 14 mm / 0.76 g (clipped) / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** MA on l., IO on r.  
**Prov.:** Bendall colln.



- Siglon: Bendall-64 var.  
*PCPC* 335.6; *DOC* V -  
**1000** 14 mm / 0.72 g (clipped) / 7 o'clock  
**Obv.:** C –  $\overline{\text{X}}$   
**Rev.:** MA on r., OV on l.  
**Ref.:** *PCPC* 335.6 (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: Bendall-65 var.  
*PCPC* 335.7-8; *DOC* V -  
**1001** 14 mm / 0.73 g (clipped) / 6 o'clock  
**Obv.:**  $\overline{\text{XC}}$   
**Rev.:** MAN on r., VH on l.  
**Ref.:** *PCPC* 335.8 (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: Bendall-66  
*PCPC* 335.9; *DOC* V -  
**1002** 14 mm / 0.58 g (clipped) / 12 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** MAN on r.  
**Ref.:** *PCPC* 335.9 (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: uncertain  
**1003** 14 mm / 0.50 g / 12 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** MA downwards on l., I on r.  
**Prov.:** Bendall colln.





Tornese, AE

**Obv.:** +ΜΑΝΟΗ[ΛΔΕC]ΠΟΤΙC Palaeologan monogram. Legend inside two borders (as rev in *DOC*).

**Rev.:** Manuel and St. Demetrius riding r. Emp., bearded and nimbate, holds sc. cr. in r. hand. Saint, beardless and nimbate, holds cross (?) in r. hand (as obv. in *DOC*).

*LPC* 162.6; *PCPC* 336; Sear 2554; *DOC* V, Class I, pl. 80, 1598

**1004** 18 mm / 1.82 g / 6 o'clock

**Obv.:** ΕCΠΟΤΟΤ

**Prov.:** Bendall colln.



**1005** 18 mm / 1.90 g / 12 o'clock

**Obv.:** +ΜΑΝΧΗΛ...CΠΟ...

**Ref.:** *PCPC* 336.1 (*this coin*).

**Prov.:** Bendall colln., from D. Winfield colln.



**1006** 18 mm / 2.00 g / 6 o'clock

**Obv.:** ...ΝΑΡΟ...

**Prov.:** Bendall colln.



**Obv.:** Three-quarter-length figure of St. Constantine on l., and of St. Helena, both nimbate; between them long Slavic cross.

**Rev.:** +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤΟCΒΑ Bust of emperor, bearded and nimbate, wearing collar of three tippets; r. hand sc. cr. over r. shoulder. Pellet in l. field; pellet and Palaeologan monogram in r. field.

*LPC* 164.7; *PCPC* 337; Sear 2555; *DOC* V, Class II, pl. 80, 1599

**1007** 18 mm / 2.15 g / 6 o'clock

**Ref.:** *PCPC* 337.1 (*this coin*).

**Prov.:** Bendall colln., from I.T. Roper colln.



**Obv.:** Three-quarter-length figure of St. Constantine on l., and of St. Helena, both nimbate; between them long Slavic cross.

**Rev.:** +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤΟCΒΑ Bust of emperor, bearded and nimbate, wearing collar of three tippets; r. hand sc. cr. over r. shoulder.

*LPC* 164.8; *PCPC* 338; Sear 2556; *DOC* V, Class II var. (no Palaeologan monogram in rev. field)

**1008** 18 mm / 1.89 g / 12 o'clock

**Ref.:** *PCPC* 338.1 (*this coin*).

**Prov.:** Bendall colln., from I.T. Roper colln.



**Obv.:** Three-quarter-length figure of St. Demetrius, beardless and nimbate; r. hand spear across chest; l. hand shield.

**Rev.:** +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤ Bust of emperor, bearded and nimbate, wearing collar of three tippets. Small patriarchal cross in r. and l. field.

*LPC* 164.9; *PCPC* 339; Sear 2557; *DOC* V, Class III, pl. 80, (1600)

**1009** 18 mm / 1.79 g / 6 o'clock

**Ref.:** *DOC* V, pl. 80, (1600) (*this coin*); *PCPC* 339.1 (*this coin*).

**Prov.:** Bendall colln., from Munich Oct. 1979



**Obv.:** Η/Η/Τ to l. (or var.) Three-quarter-length figure of St. Demetrius, beardless and nimbate; r. hand shield; l. hand spear.

**Rev.:** +ΜΑΝΟΒΗΛΕΝΧΩΤΩΘΩΠΙCΤ Bust of emperor, bearded and nimbate, wearing collar of three tippets; l. hand sc. cr. Small patriarchal cross in r. and l. field.

*LPC* 170.3 (as John VII); *PCPC* 331 (as John V); Sear 2515 (as John V); *DOC* V, Class III var., - [see p. 212 (as John VII)]

**1010** 16 mm / 0.89 g / 6 o'clock

**Obv.:** Λ/Η/Τ to l.

**Ref.:** *PCPC* 331.1 (*this coin*); Baker 2003, p. 302, n. 65, p. 336, figs. 10-14; Zikos 2000, pp. 237, 239, no. 12 (as John VII).

**Prov.:** Bendall colln., from Greek collector



**1011** 16 mm / 1.22 g / 2 o'clock

**Obv.:** Η/Η/Τ to l.

**Rev.:** Also pellet in l. field.

**Prov.:** Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



**Obv.:** St. Demetrius, beardless and nimbate, galloping r. with brandished sword. *Manus Dei* in upper r. field.

**Rev.:** Bust of emperor, bearded and nimbate, wearing collar of three tippets. Pellet in l. field, and Palaeologan monogram in r. field. Outer circle of pellets.

*LPC* 164.10; *PCPC* 340; Sear 2558; *DOC* V, Class IV, pl. 80, 1601

**1012** 17 mm / 1.33 g / 10 o'clock

**Ref.:** *PCPC* 340.4 (*this coin*).

**Prov.:** Bendall colln.



**1013** 19 mm / 1.81 g / 10 o'clock  
**Ref.:** PCPC 340.1 (*this coin*).  
**Prov.:** Bendall colln.



**1014** 19 mm / 2.17 g / 10 o'clock  
**Prov.:** Bendall colln.



**1015** 17 mm / 2.19 g / 2 o'clock  
**Ref.:** PCPC 340.3 (*this coin*).  
**Prov.:** Bendall colln.



**1016** 19 mm / 2.48 g / 9 o'clock  
**Prov.:** Bendall colln.



**1017** 17 mm / 1.79 g / 12 o'clock  
**Ref.:** PCPC 340.2 (*this coin*).  
**Prov.:** Bendall colln., from D. Winfield colln.



#### Follaro, AE

**Obv.:**  $\overline{\text{IC}}$   $\overline{\text{XC}}$  in field. Full-length figure of Christ, bearded and nimbate, in mandorla; r. hand raised in benediction; l. hand Gospel.

**Rev.:**  $\text{MAN}\delta\text{H}\kappa$  usually in two columnar groups. Three-quarter-length figure of bearded emperor wearing stemma, div., c-p and loros; r. hand sc. cr.

LPC 166.12; PCPC 342; Sear 2560; DOC V, Class I, pl. 80, 1603-9

Siglon: a

DOC V, pl. 80, 1603-5

**1018** 16 mm / 0.85 g / 12 o'clock

**Obv.:**  $\overline{\text{XC}}$

**Rev.:**  $\text{MAN}$  to l.

**Prov.:** Bendall colln.



**1019** 15 mm / 0.52 g / 12 o'clock

**Obv.:** C –  $\overline{\text{XC}}$

**Rev.:**  $\text{MAN}$  to l.

**Ref.:** PCPC 342.5 (*this coin*).

**Prov.:** Bendall colln.



**1020** 16 mm / 0.63 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   
**Rev.:**  $\text{MAN}$  to l.,  $\text{N}\delta$  to r.  
**Ref.:** PCPC 342.1 (*this coin*).  
**Prov.:** Bendall colln., from I.T. Roper colln.



**1021** 17 mm / 0.86 g / 12 o'clock  
**Obv.:**  $\overline{\text{IC}}$   
**Rev.:**  $\text{MAN}$  to l.,  $\text{N}\delta$  to r.  
**Ref.:** PCPC 342.2 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**1022** 16 mm / 0.81 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:**  $\text{MAN}$  to l.,  $\text{N}/\text{A}$  to r.  
**Ref.:** PCPC 342.4 (*this coin*).  
**Prov.:** Bendall colln., from G. Zacos colln.



**1023** 14 mm / 0.66 g / 6 o'clock  
**Rev.:**  $\text{A}/\text{N}$  to r.  
**Prov.:** Old Ashmolean colln., from Baldwin, ex Lord Grantley auction 6/10/1944



**1024** 16 mm / 0.75 g / 6 o'clock  
**Obv.:**  $\overline{\text{X}}$   
**Rev.:** N to l., A to r. (Four pellets underneath A in r. field, and above N in l. field.)  
**Prov.:** Bendall colln.



Siglon: c

DOC V, pl. 80, 1607

**1025** 16 mm / 0.89 g / 7 o'clock

**Rev.:**  $\text{MAN}$  to l.,  $\text{H}/\text{A}$  to r.

**Prov.:** Bendall colln.



**1026** 15 mm / 0.78 g / 6 o'clock

**Obv.:**  $\overline{\text{IC}}$

**Rev.:**  $\text{H}/\text{N}$  to l.

**Prov.:** Bendall colln.



Uncertain siglon

**1027** 13 mm / 0.57 g / 1 o'clock

**Obv.:**  $\overline{\text{XC}}$

**Rev.:**  $\text{M}$  to l.

**Ref.:** PCPC 342.3 (*this coin*).

**Prov.:** Bendall colln.



## Thessalonica

### Tornese, AE

**Obv.:** Retrograde Palaeologan monogram. Small square lattice cross in lower l. field.  
**Rev.:** Full-length figure of emperor wearing stemma, div., c-p and loros, riding to r. on horseback; r. hand sc. cr. E in l. field. Star in r. field.  
*LPC* 254.1; *PCPC* 344; Sear 2561; *DOC* V - (see pp. 170-2, 15 (but as Andronicus III))

**1028** 19 mm / 0.69 g / 7 o'clock  
**Ref.:** Sear 2561 (*this coin*).  
**Prov.:** Bendall colln.



## John VII (Regent 1399-1403)

### Constantinople

#### Half-stavraton, AR

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.  
**Rev.:** +IWANICB ACIAEVCOPAAEOLOGOC Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.  
*LPC* - ; *PCPC* 346; Sear 2562; *DOC* V, pl. 71, 1328-45: 1399 - 1403

Siglon: Bendall-1  
*PCPC* 346.1; Sear 2562; *DOC* V -

**1029** 19 mm / 3.85 g / 6 o'clock  
**Obv.:** IC - XC  
**Rev.:** +IWANIC  
**Ref.:** *PCPC* 346.1 (*this coin*); Sear 2562 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-2  
*PCPC* 346.2; *DOC* V -

**1030** 19 mm / 3.76 g / 7 o'clock  
**Obv.:** IC - XC  
**Rev.:** ...OPAAECOLOGO  
**Ref.:** *PCPC* 346.2 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-3  
*PCPC* 346.3; *DOC* V -

**1031** 19 mm / 3.74 g / 2 o'clock  
**Obv.:** IC - XC  
**Rev.:** ...AEOLOGO  
**Ref.:** *PCPC* 346.3 (*this coin*).  
**Prov.:** Bendall colln., from 'Hoard I'



Siglon: Bendall-4  
*PCPC* 346.4; *DOC* V -

**1032** 20 mm / 3.79 g / 1 o'clock  
**Obv.:** IC - XC  
**Rev.:** +IWANIC...ACVCCOPAAEOLOGO  
**Ref.:** *PCPC* 346.4 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-5  
*PCPC* 346.5; *DOC* V -

**1033** 19 mm / 3.31 g / 6 o'clock  
**Obv.:** IC - XC  
**Rev.:** +IW...CB A...OPAAECOLOGO  
**Ref.:** *PCPC* 346.5 (*this coin*).  
**Prov.:** Bendall colln.



Siglon: Bendall-6, *DOC*-Var. (a)  
*PCPC* 346.6; *DOC* V, pl. 71, 1328

**1034** 19 mm / 3.20 g / 1 o'clock  
**Obv.:** IC - XC  
**Rev.:** +IWANICB ACIAEVCOPAAECOLOGOC  
**Prov.:** Bendall colln.



**1035** 20 mm / 3.75 g / 6 o'clock  
**Obv.:** IC - XC  
**Rev.:** +IWANI...ACVCCOPAAEOLO  
**Prov.:** Bendall colln.



**1036** 20 mm / 3.74 g / 6 o'clock  
**Obv.:** IC - XC  
**Rev.:** +IWANICB ACIAEVC...EOLOGO  
**Ref.:** *PCPC* 346.6 (*this coin*).  
**Prov.:** Bendall colln.





1037 20 mm / 3.68 g / 1 o'clock

Obv.: IC - XC

Rev.: +IWANICB ACIAC... OΠAΛEOΛOΓOC

Prov.: Old Ashmolean colln., from Revd. T. Greville Chester, 1892



One-eighth stavraton, AR

Obv.: IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

Rev.: IWAN downward to r., ΔΕCΠ downward to l. Bust of emperor, bearded, wearing crown (with pendilia) and scalloped tippet.

LPC 174.3 (as John VIII); PCPC 347; Sear 2562A; DOC V, pls. 71-2, 1346-90: 1399 - 1403

Siglon: Bendall-10, DOC-Var. 1

PCPC 347.1-3; DOC V, pls. 71-2, 1346-61

1038 14 mm / 0.54 g (clipped) / 6 o'clock

Obv.: XC

Rev.: IΩΛ - ΛΕC.

Prov.: Bendall colln.



1039 17 mm / 0.88 g (broken) / 6 o'clock

Obv.: C - XC

Rev.: ω - ΛΙ

Ref.: PCPC 347.3 (this coin).

Prov.: Bendall colln.



1040 15 mm / 0.83 g (clipped) / 6 o'clock

Obv.: IC - XC

Rev.: IΩA - IACC

Prov.: Bendall colln.



Siglon: Bendall-12, DOC-Var. 3

PCPC 347.7; DOC V, pl. 72, 1364-74

1041 15 mm / 0.66 g / 6 o'clock

Obv.: IC - XC

Rev.: IΩ - ΛC

Ref.: PCPC 347.7 (this coin).

Prov.: Bendall colln.



Siglon: Bendall-11, DOC-Var. 4

PCPC 347.4-5; DOC V, pl. 72, 1375-7a

1042 14 mm / 0.59 g / 6 o'clock

Obv.: C - XC

Rev.: Λ - ΔΕC

Prov.: Bendall colln.



1043 15 mm / 0.72 g / 6 o'clock

Obv.: IC - XC

Rev.: IΩA - ΛΕCΠ

Ref.: PCPC 347.5 (this coin).

Prov.: Bendall colln.



1044 13 mm / 0.56 g / 6 o'clock

Obv.: IC - X

Prov.: Bendall colln.



Siglon: Bendall - , DOC-Var. 6

PCPC - ; DOC V, pl. 72, 1389

1045 13 mm / 0.57 g / 6 o'clock

Obv.: IC

Prov.: Bendall colln.



Siglon: Bendall-1, DOC-1

PCPC 347.6; DOC V -

1046 14 mm / 0.59 g / 6 o'clock

Obv.: X

Rev.: IΩΛ on r.

Prov.: Bendall colln.



1047 14 mm / 0.68 g / 12 o'clock

Obv.: IC - XC

Rev.: ACC on l.

Ref.: PCPC 347.6 (this coin).

Prov.: Bendall colln.



1048 15 mm / 0.56 g / 6 o'clock

Obv.: XC

Prov.: Bendall colln.



Uncertain siglon

1049 14 mm / 0.56 g (clipped) / 6 o'clock

Prov.: Bendall colln.



Tornese, AE

Obv.: Cross with star in each quarter (as rev. in DOC).

Rev.: IWAN ΔΕCΠ Bust of emperor, bearded. Pellet in r. field (as obv. in DOC).

LPC 174.4, 268.5; PCPC 351; Sear 2567; DOC V, Class II, pl. 72, 1394-5: 1399 - 1403

1050 16 mm / 0.61 g / 12 o'clock

Rev.: IYΛIIPOTICOP

Prov.: Bendall colln.



## John VIII (1425-1448)

### Constantinople

#### Stavraton, AR

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

**Rev.:** +IΩANNHCΔECPOTHCOPALEOLOGOC – +ΘVXAPITIBACIΛEVCTONPOMEON  
Half-length figure of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

*LPC* 172.1; *PCPC* 348; *Sear* 2563/4; *DOC V*, pls. 81-9, 1611-750: 1425 - 1448

Siglon: Bendall-7, *DOC*-2c

*PCPC* 348.9/19/21/24; *DOC V*, pl. 83, 1647-8

**1051** 23 mm / 6.66 g / 6 o'clock

**Obv.:** IC – X

**Rev.:** ...ΛEOLOGOC – +ΘVXAPITH...PΩ

**Prov.:** Old Ashmolean colln., from Classical Num. Group Aug. 1991, from Gorlu hoard



**1052** 22 mm / 5.56 g / 3 o'clock

**Obv.:** C – X

**Rev.:** ...TTALEOLOG – ΘVXAP...

IAEVCOTI

**Ref.:** Bendall 1991, p. 136, no. 38 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



Siglon: Bendall-12, *DOC*-3c

*PCPC* 348.14; *DOC V*, pl. 84, 1663-4

**1053** 23 mm / 6.28 g / 6 o'clock

**Obv.:** IC – XC

**Rev.:** +IΩ...ΛEOLOGOC – ...TOIPOMEO

**Prov.:** Bendall colln.



**1054** 24 mm / 6.27 g / 6 o'clock

**Obv.:** C – X

**Rev.:** +IOAI...ΔECPOTICOPALLEO...

– ΘVXAPITIBACIΛEVCPO

**Prov.:** Bendall colln.



Siglon: Bendall-13, *DOC*-6a

*PCPC* 348.15/23; *DOC V* -

**1055** 22 mm / 6.64 g / 6 o'clock

**Obv.:** C – X

**Rev.:** COLOG – ΘVXAPITIBACIΛEV...  
OII...OMC

**Ref.:** Bendall 1991, p. 135, pl. 13, no. 29 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



Siglon: Bendall-14, *DOC*-6b

*PCPC* 348.22; *DOC V* -

**1056** 23 mm / 6.54 g / 12 o'clock

**Obv.:** IC – XC

**Rev.:** +ΘVXAPITIBACIΛEVCOTI...OME

**Ref.:** Bendall 1991, p. 135, pl. 13, no. 30 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



**1057** 22 mm / 6.52 g / 7 o'clock

**Obv.:** IC – X

**Rev.:** ...OTHCOPI... – XAPIT...ACVC

**Ref.:** Bendall 1991, p. 135, no. 31 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



Siglon: Bendall-15, *DOC*-4c

*LPC* 172.1; *PCPC* 348.16; *DOC V*, pls. 87-8, 1715-27

**1058** 23 mm / 6.67 g / 7 o'clock

**Obv.:** IC – XC

**Rev.:** ...CΔECPOTHCOTI...ALEOLO...  
– ΘVXAPITIBACIΛEVCPO

**Ref.:** *PCPC* 348.16 (*this coin*).

**Prov.:** Bendall colln.



**1059** 22 mm / 6.54 g / 7 o'clock

**Obv.:** IC – XC

**Rev.:** ΘVXAPI...EVC...ON...

**Ref.:** Bendall 1991, p. 136, no. 40 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



- 1060** 23 mm / 6.76 g / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** +...ΛΕΟΛΟΓΟΣΘΥΧΛ – ...  
 ΤΟΙΡΟΜΕΟΙ...  
**Prov.:** Old Ashmolean colln., from Classical  
 Num. Group Aug. 1991, from Gorlu hoard



- Siglon: Bendall-15(?), *DOC*-4c (?)  
**1061** 15 mm / 6.71 g / 6 o'clock  
**Obv.:** C – X  
**Rev.:** +ΙΟΑΝΙΗΣΔΕΣΠΟΤΗΣΟΤΤΑΛΕΟΛΓ  
 – ΘΥΧΑΡΙΤΗΒΑΣΙΛΕΥΣΤΟ...Ο  
**Prov.:** Old Ashmolean colln., from Classical  
 Num. Group Aug. 1991, from Gorlu hoard



- Siglon: Bendall-16, *DOC*-4d  
*PCPC* 348.18; *DOC* V, pls. 88-9, 1728-45  
**1062** 24 mm / 6.52 g / 6 o'clock  
**Obv.:** C – X  
**Rev.:** +ΙΟΑΙΗΣΑΕΣΠΟ...ΟΛΟΓΟΣΘΥ  
 – +ΧΑΡΙΤΗΒΑΣΙΛΕΥΣΤΟΝΡΩΜΕΟΙ (ΙΗ as  
 monogram)  
**Ref.:** Bendall 1991, p. 135, no. 22 (*this coin*).  
**Prov.:** Bendall colln., from Constantine XI  
 hoard



- Siglon: Bendall-18, *DOC*-4a  
*PCPC* 348.17/20/25; *DOC* V -  
**1063** 25 mm / 7.11 g / 8 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΗΣΔΕΣΠΟΤΗΣΟΤΤΑΛΕΟΛΟΓ...  
 – ΧΑΡΙΤΗΒΑΣΙΛΕΥΣΤΟΙΡΟΜΕΟΙ  
**Prov.:** Old Ashmolean colln., from Classical  
 Num. Group Aug. 1991, from Gorlu hoard



- Siglon: Bendall –, *DOC*-5a  
*PCPC* - ; *DOC* V -  
**1064** 24 mm / 6.69 g / 12 o'clock  
**Obv.:** C – X/C  
**Rev.:** ...ΙΗΣΑ...ΟΛ... (ΙΗ as monogram)  
 (legend starts on the inner circle)  
**Prov.:** Old Ashmolean colln., from Classical  
 Num. Group Sept. 1991, from Gorlu hoard



- Siglon: Bendall –, *DOC*-5b  
*PCPC* - ; *DOC* V -  
**1065** 24 mm / 6.72 g / 1 o'clock  
**Obv.:** IC – X  
**Rev.:** +ΙΩΑΝΗΣΑΕΣΠ...ΟΠΑΛΕΟΛΟΓΟ  
 – +ΘΥΧΑΡΙΤΗΒ...CΙΛΕΥCΡΟΜΕΟ  
**Prov.:** Old Ashmolean colln., from Classical  
 Num. Group Aug. 1991, from Gorlu hoard



- Half-stavraton, AR  
**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in  
 front in gesture of benediction; l. hand Gospel.  
**Rev.:** +ΙΩΑΝΗΣΒΑΣΙΛΕΥC (or ΔΕCΠΟΤΗΣ) ΟΠΑΛΕΟΛΟΓΟC in double border  
 of dots. Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and  
 scalloped tippet.  
*LPC* 172.2; *PCPC* 349; Sear 2565; *DOC* V, pls. 90-1, 1751-86: 1425 - 1448

- Siglon: Bendall-2, *DOC*-1a  
*PCPC* 349.3-4; *DOC* V, pl. 90, 1751-3  
**1066** 19 mm / 3.23 g / 12 o'clock  
**Obv.:** IC – XC  
**Rev.:** ΒΑΣΙΛΕΥCΟΠΑΛ...  
**Prov.:** Bendall colln.



- Siglon: Bendall-5, *DOC*-2e  
*PCPC* - ; *DOC* V, pl. 90, 1767-8  
**1067** 20 mm / 3.32 g / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** +ΙΩΑΙΗΣΔΕΣΠΟΤΗΣΟΠΑΛCΟΛΟ  
 (ΙΗ as monogram)  
**Prov.:** Bendall colln.



- 1068** 21 mm / 3.35 g / 7 o'clock  
**Obv.:** IC  
**Rev.:** ΙΩΑΙΗ...ΛΕΥCΟΠΑΛΕ (ΙΗ as  
 monogram)  
**Prov.:** Bendall colln.



- 1069** 19 mm / 3.30 g / 6 o'clock  
**Obv.:** IC – X  
**Rev.:** +Ι...ΙΗΣΔΕC...ΟΠΑΛΕ... (ΙΗ as  
 monogram)  
**Prov.:** Bendall colln.





- 1070** 19 mm / 3.32 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ AIH...COПAЛC... (IH as monogram)  
**Prov.:** Bendall colln.
- 1071** 20 mm / 3.31 g / 5 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ AIHHCΔECP...ΛEOΛO (IH as monogram)  
**Prov.:** Bendall colln.
- 1072** 19 mm / 3.39 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ AIHHCΔ...AΛEO (IH as monogram)  
**Prov.:** Bendall colln.
- 1073** 20 mm / 3.36 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$ ...CΔECPOTHCOPALCOΛO  
**Prov.:** Bendall colln.
- Siglon: Bendall-6, *DOC*-2d  
*PCPC* 349.6; *DOC* V -
- 1074** 19 mm / 3.43 g / 1 o'clock  
**Obv.:**  $\overline{\text{C}}$  –  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ Λ...CΠOTHCOPALEOΛ  
**Ref.:** *PCPC* 349.6 (*this coin*).  
**Prov.:** Bendall colln.
- Siglon: Bendall-7, *DOC*-2c  
*PCPC* 349.7; *DOC* V, pl. 90, 1766
- 1075** 20 mm / 3.29 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ AIHHCΔCCΠ...AΓO... (IH as monogram)  
**Ref.:** *PCPC* 349.7 (*this coin*).  
**Prov.:** Bendall colln.



- Siglon: Bendall-15 (?), *DOC*-4c (?)  
*PCPC* 349.10/14; *DOC* V -
- 1076** 18 mm / 3.36 g / 6 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ Λ...OΓ  
**Ref.:** Bendall 1991, p. 136, pl. 13, no. 51 (*this coin*).  
**Prov.:** Bendall colln., from Constantine XI hoard
- Siglon: Bendall-16, *DOC*-4d  
*PCPC* 349.16; *DOC* V -
- 1077** 19 mm / 2.74 g / 6 o'clock  
**Obv.:** C –  $\overline{\text{X}}$   
**Rev.:** ...ΔC...  
**Ref.:** *PCPC* 349.16 (*this coin*).  
**Prov.:** Bendall colln.
- Siglon: Bendall-18, *DOC*-4a  
*LPC* 172.2; *PCPC* 349.12; *DOC* V -
- 1078** 20 mm / 3.34 g / 5 o'clock  
**Obv.:**  $\overline{\text{X}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ ΛIHCΔECPOTHC...OΠA (IH as monogram)  
**Ref.:** *PCPC* 349.12 (*this coin*).  
**Prov.:** Bendall colln.
- 1079** 20 mm / 3.27 g / 7 o'clock  
**Obv.:**  $\overline{\text{C}}$  –  $\overline{\text{X}}$   
**Rev.:** ...B ACIΛEVCOPALLEOΛ  
**Prov.:** Bendall colln.
- Siglon: Bendall-19, *DOC*-3d  
*PCPC* 349.5; *DOC* V -
- 1080** 19 mm / 3.28 g / 1 o'clock  
**Obv.:**  $\overline{\text{IC}}$  –  $\overline{\text{XC}}$   
**Rev.:** + $\overline{\text{I}}$  $\overline{\text{W}}$ AIHHCΔECPOT...COΠAΛEO (IH as monogram)  
**Ref.:** *PCPC* 349.5 (*this coin*. Recte siglon 19).  
**Prov.:** Bendall colln.



One-eighth stavraton, AR

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

**Rev.:** IΩAN in two groups. Bust of emperor, bearded, wearing crown (with pendilia) and scalloped tippet.

*LPC* 174.3; *PCPC* 350; *Sear* 2566; *DOC V* - (see pp. 233-4): 1425 - 1448

Siglon: Bendall-9, 22; *DOC-7a*

*PCPC* 350.8; *DOC V* -

**1081** 13 mm / 0.64 g / 12 o'clock

**Obv.:** IC - X

**Rev.:** IΩ - AN

**Ref.:** Bendall 1991, p. 136, pl. 13, no. 54 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



Siglon: Bendall-13, *DOC-6a*

*PCPC* - ; *DOC V* -

**1082** 13 mm / 0.62 g / 7 o'clock

**Obv.:** X

**Rev.:** IΩ - A...

**Ref.:** Bendall 1991, p. 136, pl. 13, no. 58 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



**1083** 13 mm / 0.61 g / 7 o'clock

**Obv.:** X

**Rev.:** ω - NI

**Ref.:** Bendall 1991, p. 136, pl. 13, no. 59 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



Siglon: Bendall-15, 21; *DOC-4c*

*PCPC* 350.1-7; *DOC V* -

**1084** 13 mm / 0.59 g / 12 o'clock

**Obv.:** C - X

**Rev.:** ω to r.

**Ref.:** Bendall 1991, p. 136, pl. 13, no. 60 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



**1085** 14 mm / 0.81 g / 12 o'clock

**Obv.:** C̄ - X

**Rev.:** ω to r.

**Ref.:** Bendall 1991, p. 136, pl. 13, no. 61 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



**1086** 13 mm / 0.56 g / 7 o'clock

**Obv.:** C - X

**Rev.:** IΩ - N

**Ref.:** *PCPC* 350.2 (*this coin*).

**Prov.:** Bendall colln., from Gorlu hoard



**1087** 13 mm / 0.64 g / 12 o'clock

**Obv.:** X

**Rev.:** IΩ on l.

**Ref.:** *PCPC* 350.1 (*this coin*).

**Prov.:** Bendall colln., from Gorlu hoard



**1088** 13 mm / 0.62 g / 12 o'clock

**Obv.:** C - X

**Rev.:** I/ω to l., A/M to r.

**Ref.:** *PCPC* 350.3 (*this coin*).

**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-15, 21/16; *DOC-4c/d*

**1089** 11 mm / 0.59 g / 7 o'clock

**Obv.:** C - X

**Ref.:** Bendall 1991, p. 136, pl. 13, no. 63 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



**1090** 13 mm / 0.64 g / 12 o'clock

**Obv.:** X

**Rev.:** IΩ - ...N

**Ref.:** *PCPC* 350.5 (*this coin*).

**Prov.:** Bendall colln., from Gorlu hoard



**1091** 14 mm / 0.62 g / 6 o'clock

**Obv.:** C - X

**Ref.:** *PCPC* 350.4 (*this coin*).

**Prov.:** Bendall colln., from Gorlu hoard



Siglon: Bendall-18, *DOC-4a*

*PCPC* - ; *DOC V* -

**1092** 14 mm / 0.62 g / 7 o'clock

**Obv.:** X

**Rev.:** l to l., .../N to r. Emp. nimbate.

**Ref.:** Bendall 1991, p. 136, pl. 14, no. 67 (*this coin*).

**Prov.:** Bendall colln., from Constantine XI hoard



Follaro, AE

**Obv.:** IC – XC in field. Full-length figure of Christ, bearded and nimbate, in mandorla.

**Rev.:** IWAN in two groups. Full-length figure of emperor, bearded; r. hand sc. cr.

*LPC* 174.5; *PCPC* 352.1-7; Sear 2568; *DOC* V, pl. 72, 1391-3 (but as John VII)

1093 17 mm / 0.80 g / 6 o'clock

**Obv.:** IC – XC ::C to l., ::Π to r.

**Rev.:** ω/Α to l., ι/ϸ to r.

**Prov.:** Bendall colln., ex Bertelè colln.



1094 15 mm / 0.65 g / 12 o'clock

**Obv.:** C – X

**Rev.:** λ/Ν to r.

**Prov.:** Bendall colln.



## Constantine XI Dragases (1449-1453)

### Constantinople

Stavraton, AR

**Obv.:** IC XC in field. Half-length figure of Christ, bearded and nimbate; r. hand in front in gesture of benediction; l. hand Gospel.

**Rev.:** ΚΩΝΣΤΑΝΤΙΝΟ ΔΕΣΠΟΤΗΣ Ο ΠΑΛΕΟΛΟΓ – ΘΥ ΧΑΡΙΤΙ ΒΑΣΙΛΕΥΣ ΡΟΜΕΟ

Bust of emperor, bearded and nimbate, wearing crown (with pendilia) and scalloped tippet.

*LPC* - ; *PCPC* - ; Sear - ; *DOC* V, pl. 91, 1787: 1449 - 1453

Siglon: Bendall/1991-3

1095 23 mm / 6.58 g / 7 o'clock

**Obv.:** IC – X

**Rev.:** ...ΣΤΑΙΝ...ΔΕΣΠ –

ΧΑΡΙΤΙ ΒΑΣΙΛΕΥΣ ΤΟΥ ΡΩΜ

**Ref.:** Bendall 1991, p. 136, pl. 15, no. 72 (*this coin*); Bendall – Protonotarios 1974, pp. 29-31.

**Prov.:** Bendall colln., from Constantine XI hoard



## OVERSTRIKES

### Latin Empire

Billon Trachy, Billon

1096 23 mm / 1.11 g / 5 o'clock

**Obv.:** IC

**Rev.:** Φ/Ν to r.

**Ref.:** *DOC* IV, Type O (Constantinople), pl. L, 15; Sear 2035; Bendall 1992, p. 264, nos. 1a, 1b (*this coin*).

**Prov.:** Bendall colln.



1097 18 mm / 1.20 g (clipped)

**Obv.:** Worn.

**Ref.:** *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

**Prov.:** Bendall colln.



1098 23 mm / 1.62 g (clipped)

**Obv.:** Worn.

**Ref.:** *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

**Prov.:** Old Ashmolean colln., from R. Falkiner Sept. 1987 (gift)



1099 18 mm / 0.98 g (clipped) / 5 o'clock

**Ref.:** *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

**Prov.:** Bendall colln.



1100 18 mm / 0.95 g (clipped)

**Obv.:** Only the undertype visible.

**Ref.:** *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

**Prov.:** Bendall colln.

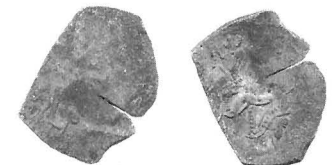


1101 21 mm / 1.20 g (clipped)

**Obv.:** Worn.

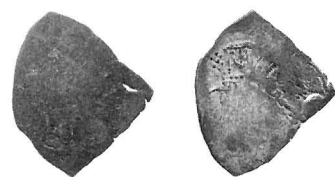
**Ref.:** *DOC* IV, Type A (small module), pl. LII, 30; Sear 2044.

**Prov.:** Old Ashmolean colln., from R. Falkiner Sept. 1987 (gift)

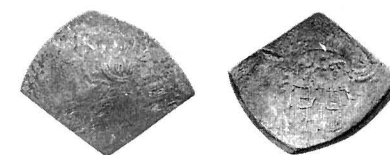




- 1102** 22 mm / 0.76 g (clipped)  
**Obv.:** Worn.  
**Ref.:** *DOC IV*, Type A (small module), pl. LII, 30; Sear 2044.  
**Prov.:** Bendall colln.
- 1103** 20 mm / 0.82 g (clipped)  
**Obv.:** Worn.  
**Ref.:** *DOC IV*, Type A (small module), pl. LII, 30; Sear 2044.  
**Prov.:** Bendall colln.
- 1104** 19 mm / 1.26 g (clipped)  
**Obv.:** Worn.  
**Ref.:** *DOC IV*, Type A (small module), pl. LII, 30; Sear 2044.  
**Prov.:** Bendall colln.
- 1105** 18 mm / 0.94 g (clipped) / 5 o'clock  
**Obv.:** Worn.  
**Rev.:** Uncertain letters.  
**Ref.:** *DOC IV*, Type B (small module), pl. LIII, 31; Sear 2045.  
**Prov.:** Bendall colln.
- 1106** 35 mm / 4.31 g / 6 o'clock  
**Obv.:** Cross above cushion of throne, to r.  
**Rev.:** ΛΕΛ on l.  
**Ref.:** *DOC IV*, Type C (Thessalonica), pl. LII, 26; Sear 2057; Bendall 1984d, p. 78, nos. 1-2 (*this coin*).  
**Prov.:** Bendall colln., from Yenimahalle hoard
- 1107** 22 mm / 1.36 g / 6 o'clock  
**Obv.:** Bust of Christ Emmanuel, bearded (*sic*) and nimbate; l. hand scroll. Pellet in each limb of nimbus cross.  
**Rev.:** Full-length figure of emperor bearded, wearing stemma, div. and chlamys; r. hand labarum-headed sc., l. hand gl. cr.  
**Ref.:** *DOC IV*, Type E (small module), pl. LIII, 34; Sear 2048.  
**Prov.:** Bendall colln.



- 1108** 23 mm / 1.87 g (clipped)  
**Obv.:** Cross above cushion of throne, to r.  
**Ref.:** *DOC IV*, Type F (small module), pl. LIII, 35; Sear 2049.  
**Prov.:** Old Ashmolean colln., from R. Falkiner Sept. 1987 (gift)



- 1109** 26 mm / 3.36 g / 5 o'clock  
**Ref.:** *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.  
**Prov.:** Bendall colln.



- 1110** 22 mm / 1.80 g  
**Ref.:** *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.  
**Prov.:** Bendall colln.



- 1111** 21 mm / 1.64 g / 6 o'clock  
**Ref.:** *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.  
**Prov.:** Bendall colln.



- 1112** 20 mm / 1.47 g (clipped) / 6 o'clock  
**Obv.:** Only the undertype visible.  
**Ref.:** *DOC IV*, Type G (small module), pl. LIII, 36; Sear 2050.  
**Prov.:** Bendall colln.



#### Empire of Nicaea: Theodore I Comnenus-Lascaris (1204/5-1222) Nicaea

#### Aspron Trachy, Billon

- 1113** 27 mm / 4.24 g / 6 o'clock  
**Ref.:** *DOC IV*, Second Coinage, pl. XXVIII, 6; Sear 2062; Metcalf 1976-78, p. 67, pl. 5, no. 226 (*this coin*).  
**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



1114 31 mm / 4.67 g / 6 o'clock

**Obv.:** Two stars in lower and r. field.

**Ref.:** *DOC* IV, Second Coinage, pl. XXVIII, 6; Sear 2062.

**Prov.:** Old Ashmolean colln., from Spink 1967, from Turkish hoard



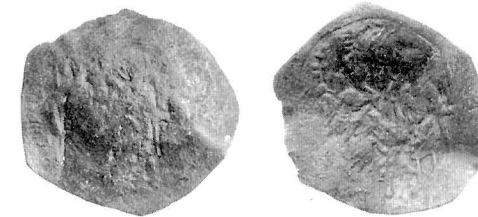
**Empire of Thessalonica: Theodore Comnenus-Ducas (1224-1230)**  
**Thessalonica**

Aspron Trachy, Billon

1115 29 mm / 1.65 g / 4 o'clock

**Ref.:** *DOC* IV, Type C, pl. XXXIX, 6; Sear 2164; Bendall 1979a, p. 61 (*this coin*).

**Prov.:** Bendall colln.



1116 30 mm / 2.19 g / 6 o'clock

**Obv.:** ΘV

**Rev.:** ΘΕΟΔΩΡΟC ΔΕ – ΛΓΗ...

**Ref.:** *DOC* IV, Type C, pl. XXXIX, 6; Sear 2164; Bendall 1976c, p. 416 (*this coin*).

**Prov.:** Bendall colln.



1117 23 mm / 1.75 g / 6 o'clock

**Obv.:** C – X Δ to r. Bust of Christ Emmanuel, beardless and nimbate; l. hand scroll. Pellet, or pellets in each limb of nimbus cross.

**Rev.:** C/Ε/C to l., Κ/ΟΜ/Μ/.../CΟ/ΥΚ/Λ to r. Emp. holds in l. hand globus surmounted by double-barred (patriarchal) cross.

**Ref.:** *DOC* IV, Type G (small module), pl. XXXIX, 10a.1-3; Sear 2168.

**Prov.:** Bendall colln., from B. Braun (Ancient Arts), from Peter and Paul hoard



**Manuel Comnenus-Ducas (Despot 1230-1237)**  
**Thessalonica**

Aspron Trachy, Billon

1118 27 mm / 1.91 g / 6 o'clock

**Obv.:** C to l., Δ to r.

**Rev.:** ΜΑΝΘΗΛΔC on r.

**Ref.:** *DOC* IV, Type A, pl. XLI, 3; Sear 2177.

**Prov.:** Bendall colln.



1119 22 mm / 1.69 g / 5 o'clock

**Rev.:** ΑΝΘΗΛΛ on r.

**Ref.:** *DOC* IV, Type A, pl. XLI, 3; Sear 2177.

**Prov.:** Bendall colln.



1120 19 mm / 0.74 g (clipped) / 6 o'clock

**Rev.:** IC above, ΜΑΝΟΙ..Λ on r.

**Ref.:** *DOC* IV, Type A (small module), pl. XLI, 3; Sear 2177; Bendall 1978a, pl. 27, no. 324 (*this coin*).

**Prov.:** Bendall colln., from Thracian Plain hoard



1121 21 mm / 1.29 g (clipped)

**Rev.:** ΑΝΗΛ on r.

**Ref.:** *DOC* IV, Type C (small module), pl. XLI, 5; Sear 2179.

**Prov.:** Bendall colln.



1122 22 mm / 1.33 g

**Rev.:** ΜΑ – ΟΑ

**Ref.:** *DOC* IV, Type F (small module), pl. XLI, 8; Sear 2182.

**Prov.:** Bendall colln., from Peter and Paul hoard



1123 25 mm / 0.82 g / 6 o'clock

**Rev.:** ΜΑΝΘ on r.

**Ref.:** *DOC* IV, Type F (small module), pl. XLI, 8; Sear 2182.

**Prov.:** Bendall colln.



**1124** 23 mm / 0.71 g (clipped) / 6 o'clock  
**Rev.:** ΜΑΝ — ...Δ  
**Ref.:** *DOC* IV, Type F (small module), pl. XLI, 8; Sear 2182.  
**Prov.:** Bendall colln.



**1125** 18 mm / 0.53 g (clipped)  
**Ref.:** *DOC* IV, Type G (small module), pl. XLI, 9; Sear 2183.  
**Prov.:** Bendall colln.



**John III Ducas, Called Vatatzes (1246-1254)**  
**Thessalonica**

Aspron Trachy, Billon

**1126** 29 mm / 3.51 g / 6 o'clock  
**Obv.:** Γ/Ε/Ω to l., ΓΙ/Θ to r. Bust of St. George, beardless and nimbate, wearing tunic, breastplate and sagion; r. hand spear resting over l. shoulder; l. hand shield.  
**Rev.:** ΙΩ/Δ/ΕC to l. Half-length figure of emperor on l., and of St. Demetrius, beardless and nimbate; between them cross-within-circle surmounting triangular decoration on long shaft. Emp. wears stemma, div., c-p, and jewel. loros of simpl. type. Saint wears tunic, breastplate, and sagion.  
**Ref.:** *DOC* IV, Type I, pl. XLV, 11; Sear 2131.  
**Prov.:** Bendall colln.



**Despotate of Epirus: Michael II Comnenus-Ducas (c.1236-c.1268)**  
**Arta**

Aspron Trachy, Billon

**1127** 25 mm / 1.83 g (clipped) / 12 o'clock  
**Obv.:** Star within crescent.  
**Rev.:** Full-length figure of Michael bearded; r. hand sc. cr.; l. hand anexikakia.  
**Ref.:** *DOC* IV - ; Sear 2234; Bendall 1996, pp. 3-5, no. 8b (*this coin*).  
**Prov.:** Bendall colln., ex Bertelè colln.



**Palaeologan Dynasty: Andronicus III (1328-1341)**  
**Constantinople**

Assarion, AE

**1128** 23 mm / 2.72 g / 12 o'clock  
**Rev.:** ΑΝΔ...ΚΟCΙΙΙΙ  
**Ref.:** *DOC* V, Class III-b (legend begins bottom l.), pl. 50, 902-6; *LPC* 126.12; *PCPC* 204.3 (*this coin*); Sear 2480; Bendall 1974, p. 285, no. 2 (*this coin*).  
**Prov.:** Bendall colln.





INDEX : SIGLA

1. Billon Trachea of the Latin Empire

Obverse	Reverse	<i>DOC</i> IV	Catalogue
✱	✱	Thes. Type A	107-8

2. Billon Trachea of Theodore I Comnenus-Lascaris

Obverse	Reverse	<i>DOC</i> IV	Catalogue
✱	✱	Second Coinage	176-7, 182
✱	T	Type C	187

3. Hyperpyra of John III Ducas, Called Vatatzes

Obverse	Reverse	<i>DOC</i> IV	Catalogue
✧		Transitional Coinage B	200
◦		Second Coinage	204, 207
	∴	Second Coinage	208

4. Electrum Trachea of John III Ducas, Called Vatatzes

Obverse	Reverse	<i>DOC</i> IV	Catalogue
A	P	Type E	211
✱	✱	Type J	213
✠	✠	Type M	214-5
B •	•B	Type Q	217-8

5. Billon Trachea of John III Ducas, Called Vatatzes

Obverse	Reverse	<i>DOC</i> IV	Catalogue
✠	✠	Type C	224-5
✠	✠	Type D	226-7
✱	✱	Type N	247-8
K	O	Type O	249-51
✱	✱	Type U	261
✱	✱	Type Z	275

6. Hyperpyra of Theodore II Ducas-Lascaris

Obverse	Reverse	<i>DOC</i> IV	Catalogue
Α		Var. I	298
Α	Α	Var. I	299
Β		Var. II	300

7. Electrum Trachea of Theodore II Ducas-Lascaris

Obverse	Reverse	<i>DOC</i> IV	Catalogue
Α		Type I	301
Μ	✠	Type II	302
Γ	Γ	Type III	303

8. Billon Trachea of Theodore II Ducas-Lascaris

Obverse	Reverse	<i>DOC</i> IV	Catalogue
K	Β	Type A	304
B	Β	Type A	305

9. Billon Trachea of Michael VIII, Magnesia

Obverse	Reverse	<i>DOC</i> IV	Catalogue
	✧	Type B	484

10. Electrum Trachea of Theodore Comnenus-Ducas

Obverse	Reverse	<i>DOC</i> IV	Catalogue
IC	ΑK	Type A	320
	Δ	Type B	321-2
Γ	P	Type C	323

11. Billon Trachea of Theodore Comnenus-Ducas

Obverse	Reverse	<i>DOC</i> IV	Catalogue
Δ	Δ	Type B	327
✱	✱		
	✱	Type D	329-31
+		Type F	334
✱	✱	Type G	336

12. Electrum Trachea of Manuel Comnenus-Ducas

Obverse	Reverse	<i>DOC</i> IV	Catalogue
∴	∴	Type B	344

13. Billon Trachea of Manuel Comnenus-Ducas

Obverse	Reverse	DOC IV	Catalogue
ⲓ. ⲓ.		Type B	345

14. Electrum Trachea of John III Ducas, Thessalonica

Obverse	Reverse	DOC IV	Catalogue
* *		Type B	440-1

15. Billon Trachea of John III Ducas, Thessalonica

Obverse	Reverse	DOC IV	Catalogue
* *		Type D	448
ⲛⲁⲛⲁ ⲛⲁ		Type F	453-4
* *		Type H	457-8

16. Hyperpyra of Michael VIII, DOC V: Class II

Obverse	Reverse	Catalogue
B B		485
K ⲗ		486-7

17. Hyperpyra of Michael VIII, DOC V: Class III-a (Christ with scroll)

Obverse	Reverse	PCPC	Catalogue
	* ⲛ	3	574
	B	4	575-6
	ⲛⲁⲛⲁ ⲛⲁ	10 or 2	577
A A	ⲛⲁⲛⲁ	19	489
K ⲗ	ⲛⲁⲛⲁ	23	490
Θ Θ	ⲛⲁⲛⲁ	28	491
ⲛⲁⲛⲁ ⲛⲁ		32	492
• ⲛⲁⲛⲁ		34	493

18. Hyperpyra of Michael VIII, DOC V: Class III-b (Christ with Gospel)

Obverse	Reverse	PCPC	Catalogue
ⲛⲁⲛⲁ ⲛⲁ	Θ	47	494-5
	ⲛⲁⲛⲁ	49	578
ⲗ ⲛⲁ	M	50	496
A ⲗ		55	497
P ⲗ		57	498
P P		61	499
Θ Θ		64	500
A ⲗ		68	501
ⲛⲁⲛⲁ ⲛⲁ		75/76	502
B ⲗ		77	503
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ	80	603
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ	83	604-5
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ	84	606

19. Stamena of Michael VIII

Obverse	Reverse	DOC V	Catalogue
K ⲗ		Con. Class I	508-9
B B		Con. Class IV	518-9
B B		Con. Class XV	539-40
ⲛⲁⲛⲁ ⲛⲁ		Con. Class XX	550
A A		Con. Class XXI	552-3
ⲛⲁⲛⲁ ⲛⲁ		Con. Class XXIII	558-9
P ⲗ		Con. Class XXX	572-3
* ⲛⲁⲛⲁ		Thes. Class XVII	597

20. Stamena of Michael VIII-Andronicus II

rse	Reverse	DOC V	Catalogue
ⲗ A		Con. Class I	613-7

21. Hyperpyra of Andronicus II, DOC V: Class I-a (emperor nimbate)

Obverse	Reverse	PCPC	Catalogue
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ	5	624
ⲛⲁⲛⲁ B		18	625
B ⲗ	ⲛⲁⲛⲁ	27	626
A ⲗ	M ⲛⲁⲛⲁ	29	627
O A	* C		
B O	M ⲛⲁⲛⲁ	30	628
ⲗ A	* C		
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ	31	629
O A	* C		
• ⲛⲁⲛⲁ		41/42	630
C N		57 var.	631
ⲗ M		New	632
ⲗⲗ ⲗ		57/58/59 var.	
ⲛⲁⲛⲁ C		75	633
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ		
A		obscure	634

22. Hyperpyra of Andronicus II, DOC V: Class I-b (emperor without nimbus)

Obverse	Reverse	PCPC	Catalogue
	M ⲛⲁⲛⲁ	83	635
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ	89	636
ⲛⲁⲛⲁ ⲛⲁ			

23. Hyperpyra of Andronicus II-Michael IX, DOC V: Class II-a (walls with six castles)

Obverse	Reverse	PCPC	Catalogue
ⲛⲁⲛⲁ ⲛⲁ		5	740
ⲛⲁⲛⲁ ⲛⲁ		6	741
ⲛⲁⲛⲁ ⲛⲁ	ⲛⲁⲛⲁ	7	742
		10	743
B ⲗ		11	744
		15 var.	745
ⲗ ⲗ		22	746
• ⲛⲁⲛⲁ		24	747-8
ⲗ ⲗ		38	749
ⲛⲁⲛⲁ ⲛⲁ		39	750
• ⲛⲁⲛⲁ		42	751
C C	CC	69	752



24. Hyperpyra of Andronicus II-Michael IX with positions of the emperors transposed

Obverse	Reverse	Bendall/1984	Bendall/1995	Catalogue
K K		75		702
K Θ		78	23	703
℞ Θ		79		704
∴ ∴ ? ?		87	7	705
ℳ Γ		88	17	706
℥ Γ		88	17	707
ℳ ℥ Γ		89	15	708-10
℥ X	B Γ	92	11	711-3, 715
ℳ X	B Γ	92	11	714
C C Π P		94	2	716-23
C C Π P	CC	95	4	724
Γ? ℳ K		100	16	725
* *		101	29	726-7
† †		104		728-9
P Γ	CC	83 var.	8A	730
B Γ	CC	82 var.		731

X ℳ X	B Γ	93 var.	13A	732
			18	733
ℳ Π			20	734
Γ ℳ			24	735-7
K T			26	738
O O		80?	3	739
C Π P				

25. Hyperpyra of Andronicus II-Michael IX, DOC V: Class II-b (walls with four castles)

Obverse	Reverse	PCPC	Catalogue
Ḡ Ḡ		131	754
		145	755
B• •B		149	757
X ℳ ℥		151	756
		153	758

26. Hyperpyra of Andronicus II-Andronicus III, DOC V: Class III

Obverse	Reverse	PCPC	Catalogue
		3	817
♣ A		14	818
∴ ∴ K X			

27. Hyperpyra of John V-John VI

Obverse	Reverse	PCPC	DOC V	Catalogue
€ Φ B A		2	2	848
* * B A			1b	849

28. Basilica with Autokratores Romaion, DOC V: Class VIII

Obverse	Reverse	Catalogue
no sigla		767-9
• •		770
• •		771-2
* *		773

29. Basilica of Andronicus III, DOC V: Heavy Series, Class II

Obverse	Legend	Catalogue
⊖ B	Circular	822-3
⊖ B	Columnar	824

30. Basilica of Andronicus III, DOC V: Light Series, Class IV

Obverse	Legend	Catalogue
♣ B	Circular	826
Λ Π	Circular	827

31. Stavrata of John V, Phase IV, DOC V: Class II

Obverse	Reverse	Catalogue
• •		870
* *	* *	871-2

32. Eighth stavrata of John V

Obverse	Reverse	Catalogue	O COTIP
		873-5	clockwise
		876-7	anticlockwise
• •		878	anticlockwise
• •	• •	879	anticlockwise
• •	• •	880	-
* *	* *	881-6	-

33. Stavrata of John V, Phase VI

Obverse	Reverse	Catalogue
K Φ		894
♣ ♣		895-7
€ Φ		898-9
€ C Φ		900

34. Stavrata of Manuel II, DOC V: Heavy Coinage

Obverse	Reverse	PCPC	DOC V	Catalogue
C ♣		3	a	903
B ∴				904

35. Stavrata of Manuel II, DOC V: Light Coinage

Obverse	Reverse	PCPC	DOC V	Catalogue
ℳ ℳ	• •	7	d	905-6
• ♣ Ḡ	• •	12	e	907
♣ K	• •	13	f	908-9
Ḡ ♣	• •	10	g	910-1
K ♣	• •	11	j	912
B• •B	• •	6	m	913
Ḡ *	• •	5	n	914
* *	• •	8	o	915
B• •B				916

36. Half-stavrata of Manuel II, DOC V: Basileus Series

Obverse	Reverse	PCPC	DOC V	Catalogue
	• •	15		917-8
*	• •	16		919-21
IB  • • IB	• •	18		922
* •	* *	19		923
*	• •	20	Var. c	924
* •	• •	21	Var. d	925-6
* ∴	• •	22	Var. f	927
* ∴	• •	23	Var. g	928
P C	• •	24	Var. h	929
* Φ	• •	25	Var. i	930
* Φ	• •	25 var.	Var. j	931

□	• •	26	Var. l	932-3
* •	* *	27		934
• *	* *	28		935
	B Ɔ	33	Var. o	936-9
• •	B Ɔ	34		940
B Ɔ	• •	35		941
	B Ɔ	37	Var. p	942
:	B Ɔ	38	Var. q	943
• :	B Ɔ	39		944
M	M	46	Var. t	945
	♣ ♣	47		946-7
*	♣ ♣	48	Var. u	948
* •	♣ ♣	49	Var. v	949
• •	+ +	50		950-1
C ϕ	ϕ C	51	Var. w	952-9
M M	• •	52	Var. x	960
K □	• •	55	Var. z	961
IKI IMI	• •	56		962-4
K M	• •	57	Var. aa	965
IGKI I♣	• •	58		966
ΓK ♣	• •	59		967
♣ ΓK	• •	60		968

37. Half-stavrata of Manuel II, DOC V: Pistos Series

Obverse	Reverse	PCPC	DOC V	Catalogue
	• •	68	Var. a	969-71
√	• •	69	Var. b	972
* *	• •	70		973
• •	• •	71	Var. c	974-6
	♣ •	72		977
* *	: ♣	73		978
	B Δ	76		979
	C •	77	Var. e	980
	Ċ :	79		981-2
Δ	λ̇	82	Var. i	983-4

Δ	Λ	84	Var. k	985
	⋈ *	86	Var. m	986-7

38. One-eighth stavrata of Manuel II, DOC V: Class II

Obverse	Reverse	PCPC	DOC V	Catalogue
• •	• •	61	Var. b	988-91
C □		62	Var. d	992
C □	• •	63	Var. e	993-9
B B	• •	64 var.		1000
B B		65 var.		1001
⋈ ?		66		1002

39. Half-stavrata of John VII

Obverse	Reverse	PCPC	Catalogue
	• •	1	1029
* *	• •	2	1030
€ϕ C□	• •	3	1031
€ C	• •	4	1032
ICI ϕ̄ I□	• •	5	1033
C □	• •	6	1034-7

40. Eighth stavrata of John VII

Obverse	Reverse	PCPC	DOC V	Catalogue
		10	Var. 1	1038-40
•		12	Var. 3	1041
• •		11	Var. 4	1042-4
B ⋈			Var. 6	1045
	• •	1	1	1046-8

41. Stavrata of John VIII

Obverse	Reverse	PCPC	DOC V	Catalogue
♣	• •	7	2c	1051-2
Λ	• •	12	3c	1053-4
М	• •	13	6a	1055
• М	• •	14	6b	1056-7
• •	• •	15	4c	1058-61
•	• •	16	4d	1062
	• •	18	4a	1063
C	• •		5a	1064
C €	• •		5b	1065

42. Half-stavrata of John VIII

Obverse	Reverse	PCPC	DOC V	Catalogue
К ♣	• •	2	1a	1066
• ♣	• •	5	2e	1067-73
♣ •	• •	6	2d	1074
♣	• •	7	2c	1075
• •	• •	15 (?)	4c (?)	1076
•	• •	16	4d	1077
	• •	18	4a	1078-9
Λ •	• •	19	3d	1080

43. One-eighth stavrata of John VIII

Obverse	Reverse	PCPC	DOC V	Catalogue
⋈ ⋈		9, 22	7a	1081
М	• •	13	6a	1082-3
• •		15, 21	4c	1084-8
(•) •	• •	15, 21/16	4c/d	1089-91
		18	4a	1092